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ANNUAL REPORT
OF
VITAL STATISTICS

Colorado

1981

COLORADO DEPARTMENT OF HEALTH
DIVISION OF HEALTH POLICY, PLANNING AND STATISTICS
HEALTH STATISTICS SECTION
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PREFACE

This report provides a summary of Colorado Vital Statistics calculated from certificates of births, deaths, fetal deaths, adoptions, marriages and marriage dissolutions which occurred during the calendar year 1981 and which were registered in the Department of Health prior to April 15, 1982. Examples of these documents are provided in Appendix E. Transcripts of records for persons who were born or died outside of their (or their parents') state of residence are routinely exchanged between the state of occurrence and the state of residence. This exchange allows the tabulation of births and deaths of Colorado residents to include those occurring in other states. Colorado occurrences, however, include registered events occurring within Colorado, regardless of the state of residence.

Table 1. VITAL STATISTICS - Colorado Residents and Occurrence, 1981

VITAL EVENT	VITAL STATISTICS Of Colorado Residents			VITAL STATISTICS Colorado Occurrences		
		Place of Occurrence			By Residence	
	Total	Colorado	Out of State	Total	Colorado	Non Res.
Live Births	52,104	51,811	293	52,504	51,811	693
Low Birthweight Births	4,167	4,126	41	4,240	4,126	114
Illegitimate Births	7,016	6,971	45	7,030	6,971	59
Deaths	19,360	18,819	541	20,039	18,819	1,220
Infant Deaths	517	501	16	560	501	59
Neonatal Deaths	337	326	11	365	326	39
Fetal Deaths (20 or more weeks Gestation)	*	457	*	471	457	14
Perinatal Deaths	*	783	11	836	783	53
Induced Abortions	13,800	13,800	*	17,240	13,800	3,440
Marriages	**	**	**	37,210	**	**
Divorces	**	**	**	19,515	**	**

*Not Available - No exchange of Records between States.
**Not Available - Statistics prepared by place of occurrence only.

Additional information is available from the Division of Health Policy, Planning and Statistics, Colorado Department of Health. A list of tabulations that are processed routinely each year appears in Appendix D.

Readers should be aware of the following:

1) This and previous reports used the latest population estimates available at the time of publication. Estimates for both 1983 and 1981 are subject to revision. Further, population figures and rates for the intercensal period (1971-1979) have been modified to conform with 1980 census counts and therefore many vary from reports published during this period. Post-census modifications for 1971-1979 for Colorado appeared in the 1980 Report. The National Center for Health Statistics has since revised national rates for this period, and those revisions have been adopted for this report.

2) Detailed 1981 population estimates by age were not available at the time of this publication. Figures for the 1981 female 15-44 year old population, white, non-white and Spanish Origin populations were derived using 1980 census counts and propartions and the 1981 estimated total population. The white and non-white estimates used as 1980 base counts have been modified to account for differences between the 1980 and 1970 census questionaires.

3) Death are classified and tabulated by the underlying cause of death, defined as the condition giving rise to the chain of events leading to death. The underlying cause of death is determined using the automated classification of medical entities (ACME) computer system. Causes of death have been classified according to the Ninth Revision of the International Classification of Disease (ICD-9). Appropriate codes for earlier revisions appear in Appendix B, and comparability ratios for these are available at this office.

4) A problem which is frequently encountered in vital statistics is the "small number effect". This occurs when a vital rate is calculated using small numbers, e.g. for a county with a small population. It is true that such a rate is an accurate reflection of what did occur in that small population, and because of that it will appear in this report. However, such a rate may be very unreliable as an indication of what is generally true of that small population or of what one might expect to see happen again; only one or two events more or less could change the rate greatly. Therefore, when drawing conclusions from vital rates, you should also note the size of the numbers on which those rates are based. Depending on the conclusion being considered as well as a number of other factors, a particular vital rate may or may not be precise enough for your purposes.

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Section 1
COLORADO POPULATION AND GENERAL TRENDS

Colorado's estimated 1981 mid-year population was 2,965,000, a 2.6% increase from April 1, 1980, when the state population was enumerated at 2,889,964. The 1980 Census figure was 30.8% higher than the 1970 count of 2,209,596. In comparison, the U.S. population grew 1.2%, to 229,307,000, since April, 1980, and 11.4% between the 1970 and 1980 census counts. Colorado ranked 28th among the fifty states in total population in 1980, compared to 30th in 1970.

The 1980 Census revealed an older national population than that of 1970, with a median age of 30.0 years compared to 28.1 in 1970. The percentage of persons over 65 years of age increased from 9.9% to 11.3% of the national total, while the percentage under age 25 decreased from 45.9% to 41.4%. Colorado followed the national trend, despite a generally younger population. Table 2 presents the state population by age and sex for 1970 and 1980, and shows that the median age throughout Colorado also increased, from 26.2 to 28.6 years of age. While the percentage of persons over 65 years of age did not change substantially (8.5% in 1970 to 8.6% in 1980), the proportion of persons under 25 dropped from 48.3% to 42.5%. The greatest change occurred in the population between the ages of 25 and 34 years, which increased from 13.2% of the total in 1970 to 19.7% in 1980. In terms of absolute growth, the 25-34 year old population grew 95.4% between 1970 and 1980, while the 15-24 year old population grew 35.3% and the population under age 15 grew only 1%.

One reason for Colorado's young population and the dramatic growth among 25-34 year-olds is the substantial in-migration that has occurred throughout the last few decades. Table 3 presents Colorado's population and growth since the census year 1860. The state's growth and growth rate are presented along with the intercensal natural increase, calculated as the net balance of births and deaths throughout the decade. The population gain not accounted for by natural increase is the net in-migration. While natural increase accounted for 71.6% of the population growth between 1940 and 1950, it accounts for only 34.4% of the population gain of 680,368 between 1970 and 1980, leaving a net in-migration for this period of 446,622 persons. Table 3 also presents the median age for Colorado for each Census year from 1890.

Tables 4 and 5 present Colorado Vital Statistics by selected year beginning in 1910 or when first available. Rates for the United States are also presented. It is cautioned, however, that prior to 1940 the rates presented pertain to the birth and death Registration Areas of the United States, which in 1931 were estimated to include 94.7% and 96.2% of the total United States population, respectively. Colorado became a Registration State for mortality data in 1906, and for natality data in 1928.

Colorado resident live births in 1981 totaled 52,104, the greatest number ever recorded for the state. The 1981 Colorado birthrate was 17.6 resident births per 1,000 population, compared to 15.9 per 1,000 population nationally. Much of this difference is due to the State's relatively younger population, reflected in the fact that fertility rates for Colorado are much closer to national rates. The fertility rate for Colorado was 67.9 live births per 1,000 women age 15 to 44 years in 1980, compared to 67.7 nationally. The 1981 Colorado fertility rate is estimated at 69.4, compared to a national rate of 67.6. Nonetheless, the Colorado birthrate shows a steady increase from the mid-seventies that is similar to the national

trend. In fact, Colorado's declining number of births from 1961-1966, the upswing during the 1967-1970 period, a decline again in the early seventies followed by the increases to date reflects the long term trends for the nation as a whole. The low number of births during the mid-sixties probably was due in part to the low number of babies born during the early forties, and the large number of babies born in the mid and late fifties is now at prime childbearing age. Several factors indicate the birthrate will not approach the record high of 26.9 per 1,000 population as seen in 1951 and 1952. Many of the newcomers from in-migration who have increased Colorado's population are also of prime childbearing age, hence a record number of births but only modest increases in birthrate. Further, natality statistics for both Colorado and the U.S. suggest a trend toward smaller families which are started later in the couple's lives. Fewer children per family helps to explain a statistically older population in 1980 than in 1970.

In 1981 illegitimate births to Colorado residents numbered 7,016, or 135.0 per 1,000 live births (13.5%). This represents an increase in rate of 3.8% over 1980, 40.6% over 1970, and 213% over 1960. Despite this increase, the Colorado rate of birth out of wedlock has historically been lower than the U.S. rate. Part of this increase may reflect the changing marital status of women of prime child-bearing age. In 1980, 43.6% of the women in Colorado between the ages of 15 and 44 years were single, widowed or divorced, compared to 36.1% in 1970 and 27.0% in 1960. When expressed in relation to the number of unmarried women, the Colorado rate of birth out of wedlock actually dropped over the last decade. In 1980 there were 20.2 illegitimate births per 1,000 unmarried women age 15-44 years, compared to a 1970 rate of 22.7.

The group of deaths most often compared among geographic areas or time periods are those deaths occurring in the first year of life. During the past forty years there has been a substantial decrease in infant mortality in Colorado, from a rate of 59.5 infant deaths per 1,000 live births in 1940 to a rate of 9.9 in 1981. The 1981 Colorado rate compares very favorably with the estimated national rate of 11.7, and has been lower than that for the nation throughout the decade. However, in 1940, the Colorado rate of infant death was 27% higher than the infant death rate for the U.S. The rate of neonatal death, or death before the first 28 days of life, had followed a similar pattern to a low of 6.4 in 1979. The 1981 rate of 6.5 neonatal deaths per 1,000 live births represents a slight increase over 1979, but is less than half the rate reported for 1970 (15.1) and a fraction of that for 1940 (33.0). Maternal deaths, or deaths related to pregnancy and childbirth, show an equally dramatic improvement over the last four decades. The 1981 rate of maternal death was 0.8 per 10,000 live births, compared to 41.1 in 1940. If the 1940 maternal death rate continued there would been of 214, rather than 4, maternal deaths occurring in 1981.

A statistic of particular concern when compared with national data is the proportion of live births that are low birthweight, defined as 5 1/2 pounds (2,500 grams) or less. Low birthweight births accounted for 8.0% of resident live births in 1981, compared to 8.2% in 1980 and 9.6% in 1970. Nationally, only an estimated 6.8% of live births in 1980 were of low birthweight. Colorado's relatively low rates of infant and neonatal death is notable considering this higher incidence of low birthweight.

Since 1968, the reporting of fetal deaths of all periods of gestation has been required by state law. The total fetal death rate (including all periods of gestation but excluding induced abortions) has been decreasing steadily for the past decade, from 68.9 per 1,000 live births in 1970 to 56.8 per 1,000 in 1981. The 1981 rate is based on a total of 2,961 reported fetal deaths of all ages occurring in Colorado and is presented as an estimate. It is likely that reporting of early fetal deaths is not complete, since the mother herself may not be aware she is pregnant and medical attendance may not be sought at the time of miscarriage. Reporting is more complete for fetal deaths of twenty or more weeks gestation. The 1981 rate of 8.8 per 1,000 live births represents a substantial decrease from the 1970 rate of 21.6. The major interest in fetal death statistics, however, concerns those fetal deaths which are included in the usual definition of perinatal mortality - death of a fetus of 20 weeks or more gestation and death of a liveborn infant before the 28th day of life. The perinatal death rate in 1981 was 15.1 perinatal deaths per 1,000 deliveries (live births and fetal deaths of 20 weeks gestation and over) compared to 34.6 in 1970. It is cautioned that the fetal death rate as well as the perinatal death rate do not include resident fetal deaths occurring outside of Colorado, since these records are not exchanged among states. The fetal death (20 weeks gestation and over) statistics presented in Section 3 are based on 1981 occurrences and therefore represent a full count.

Table 8 presents 1980 Colorado Vital Statistics by race, with independant [illegible]cals [illegible]or Spanish and Non-Spanish origin. Rates have been provided for the total, [illegible]or white and non-white, and for Spanish origin and non-Spanish origin. Populat[illegible] figures shown in the table and used for the rates are pro-rata estimates using the est[illegible]ated state population for 1981 and modified 1980 census counts (see the Preface). It is important to note that because of Colorado's large Hispanic population and the difficulties in identifying this group, the designation of "white" and "non-white" may not be comparable with these designations as applied nationally. Whites accounted for 86.0% of the U.S. population in 1980, compared to 94.7% throughout Colorado, while blacks represent 3.5% of the Colorado population and 11.8% nationally. On the other hand, persons regarding themselves as being of Spanish Origin (regardless of race) were 6.4% throughout the nation and 11.8% in Colorado. Table 8 reveals a lower rate of death for non-whites than for whites (4.5 per 1,000 population vs. 6.6 for whites) which may be related to age distribution - 1980 Census data indicated persons over 65 years of age to account for 9.1% of whites and only 4.1% of non-whites. It must be remembered, however, that racial and ethnic designations may be determined differently in the case of a live birth, a death, or during a census interview.

Table 9 presents total pregnancies from 1970 to 1981, calculated as the sum of live births, fetal deaths of twenty weeks gestation and over, and induced abortions, for all women and for women under the age of 20 years. Substantial increases are seen in the number of abortions performed in Colorado, although part of this increase may be due to improved reporting. The ratio of induced abortions per 1,000 live births has increased from 61 in 1970 to 328 in 1981. For women under twenty years of age, this ratio increased from 117 to 660 during the same period. Abortion statistics by the patient's age should be used with caution, however, since a large portion of the cases (12.7%) did not report this information. Totals for 1980 for both residence and occurrence are presented in Table 10, however resident totals for fetal deaths and induced abortions include only those resident cases which occurred in Colorado. Spontaneous fetal deaths of less than twenty weeks gestation are also presented in this table, but are not included in the pregnancy rates.

Table 2. POPULATION BY AGE AND SEX - Colorado, 1980 and 1970

AGE GROUP	TOTAL		MALE		FEMALE	
	Number	%	Number	%	Number	%
1980						
TOTAL	2,889,964	100.0	1,434,293	100.0	1,455,671	100.0
1	48,034	1.7	24,577	1.7	23,457	1.6
1-4	168,461	5.8	86,377	6.0	82,084	5.6
5-9	213,135	7.4	108,961	7.6	104,174	7.2
10-14	226,147	7.8	115,145	8.0	111,002	7.6
15-19	268,588	9.3	137,609	9.6	130,979	9.0
20-24	302,606	10.5	154,319	10.8	148,287	10.2
25-34	569,545	19.7	289,694	20.2	279,851	19.2
35-44	346,953	12.0	173,905	12.1	173,048	11.9
45-54	270,860	9.4	133,931	9.3	136,929	9.4
55-64	228,310	7.9	109,201	7.6	119,109	8.2
65-74	148,666	5.1	65,555	4.6	83,111	5.7
75-84	74,296	2.6	27,695	1.9	46,601	3.2
85+	24,363	0.8	7,324	0.5	17,039	1.2
Median	28.6 Years		27.9 Years		29.3 Years	
1970						
TOTAL	2,209,596	100.0	1,090,532	100.0	1,119,064	100.0
1	39,080	1.8	20,021	1.8	19,059	1.7
1-4	147,494	6.7	75,127	6.9	72,367	6.5
5-9	224,441	10.2	114,264	10.5	110,177	9.8
10-14	233,959	10.6	119,198	10.9	114,761	10.3
15-19	217,665	9.9	110,519	10.1	107,146	9.6
20-24	204,652	9.3	103,986	9.5	100,666	9.0
25-34	291,549	13.2	143,602	13.2	147,947	13.2
35-44	255,951	11.6	126,263	11.6	129,688	11.6
45-54	234,475	10.6	115,262	10.6	119,213	10.7
55-64	172,317	7.8	82,757	7.6	89,560	8.0
65-74	111,517	5.0	49,355	4.5	62,162	5.6
75-84	60,242	2.7	24,106	2.2	36,136	3.2
85+	16,254	0.7	6,072	0.6	10,182	0.9
Median	26.2 Years		25.1 Years		27.2 Years	

NOTE: 1980 Population figures are Census counts as of April 1, 1980. See PREFACE.

Table 3. POPULATION, POPULATION GROWTH, NATURAL INCREASE AND NET IN-MIGRATION, WITH MEDIAN AGE OF COLORADO, Census Years 1860 - 1980

YEAR	COLORADO POPULATION	CHANGE FROM PREVIOUS DECADE		NATURAL INCREASE IN PREVIOUS DECADE				Net In-Migration	MDN. AGE
		Number	%	Births in Decade	Deaths in Decade	Natural Increase	% of Change		
1860	34,277	NA	NA	NA	NA	NA	NA	NA	NA
1870	39,864	5,587	16.3	NA	NA	NA	NA	NA	NA
1880	194,327	154,463	387.5	NA	NA	NA	NA	NA	NA
1890	413,249	218,922	112.7	NA	NA	NA	NA	NA	25.7
1900	539,700	126,451	30.6	NA	NA	NA	NA	NA	26.0
1910	799,024	259,324	48.0	NA	NA	NA	NA	NA	26.3
1920	939,629	140,605	17.6	NA	NA	NA	NA	NA	26.8
1930	1,035,791	96,162	10.2	192,841	127,989	64,852	67.4	31,310	27.3
1940	1,123,296	87,505	8.4	187,206	127,911	59,295	67.8	28,210	29.2
1950	1,325,089	201,793	18.0	264,798	120,331	144,467	71.6	57,326	29.5
1960	1,753,947	428,858	32.4	390,111	134,015	256,096	59.7	172,762	27.9
1970	2,209,596	455,649	26.0	396,810	162,615	234,195	51.4	221,454	26.2
1980	2,889,964	680,368	30.8	413,392	179,646	233,746	34.4	446,622	28.6

(Colorado attained statehood in 1876)

Figure 1 - POPULATION OF COLORADO AND NET IN-MIGRATION IN PREVIOUS DECADE - Census Years 1860 - 1980

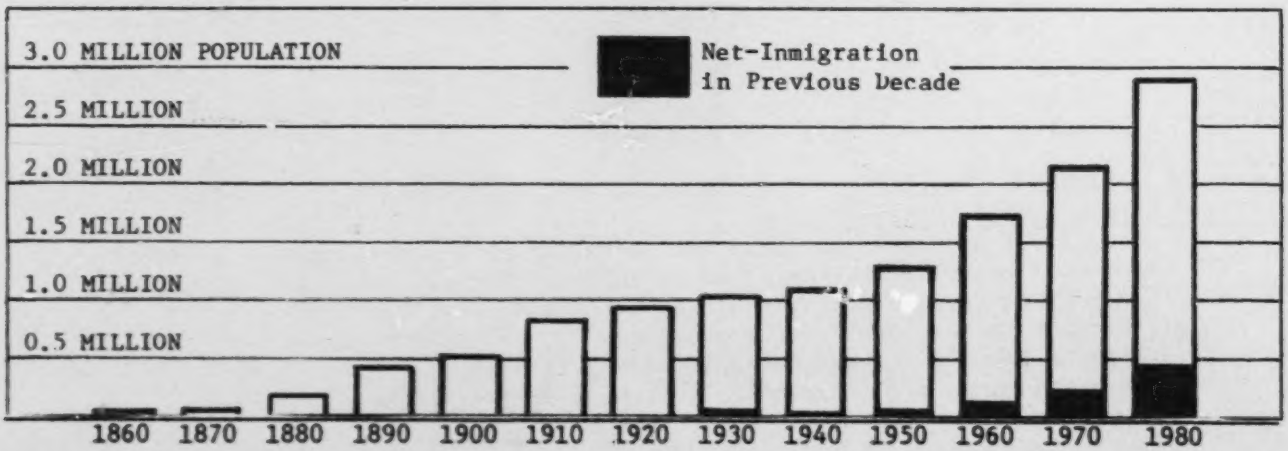


Table 4. POPULATION, BIRTHS, AND ILLEGITIMATE BIRTHS - Colorado Residents and United States Rates, Selected Years, 1910 - 1981

YEAR	COLORADO POPULATION*	TOTAL BIRTHS			ILLEGITIMATE BIRTHS		
		COLORADO		UNITED STATES	COLORADO		UNITED STATES
		Number	Rate**	Rate**	Number	Rate**	Rate**
1910	799,024	12,164	15.2	NA	NA	NA	NA
1920	939,629	18,676	19.9	23.7	NA	NA	NA
1930	1,035,791	18,878	18.2	18.9	442	23.5	32.7
1940	1,123,296	21,416	19.1	17.9	436	20.4	37.9
1950	1,325,089	33,853	25.5	23.6	1,019	30.1	39.8
1951	1,328,000	35,755	26.9	24.5	1,074	30.0	39.1
1952	1,378,000	37,137	26.9	24.7	1,012	27.3	39.1
1953	1,454,000	37,872	26.0	24.7	1,207	31.0	41.2
1954	1,520,000	38,906	25.6	24.9	1,296	33.3	44.0
1955	1,583,000	39,905	25.2	24.6	1,233	30.9	45.3
1956	1,655,000	41,553	25.1	24.9	1,402	33.7	46.5
1957	1,693,000	41,256	24.4	25.0	1,433	34.7	47.4
1958	1,690,000	41,890	24.8	24.3	1,549	37.0	49.6
1959	1,727,000	41,984	24.3	24.0	1,665	39.7	52.0
1960	1,753,947	42,905	24.5	23.7	1,785	41.6	52.7
1961	1,840,000	44,648	24.3	23.3	1,955	43.8	56.3
1962	1,900,000	43,594	22.9	22.4	2,181	50.0	58.8
1963	1,940,000	42,179	21.7	21.7	2,339	55.5	63.3
1964	1,970,000	40,537	20.6	21.0	2,602	64.2	68.5
1965	1,990,000	36,851	18.5	19.4	3,018	81.9	77.4
1966	2,010,000	34,899	17.4	18.4	3,016	86.4	83.9
1967	2,050,000	35,166	17.2	17.8	3,139	89.3	90.3
1968	2,120,000	36,842	17.4	17.5	3,172	86.1	96.9
1969	2,170,000	39,189	18.1	17.8	3,686	94.1	100.2
1970	2,209,596	41,480	18.8	18.4	3,982	96.0	106.9
1971	2,285,000	40,360	17.7	17.2	3,831	94.9	112.9
1972	2,378,000	38,585	16.2	15.6	3,753	97.3	123.7
1973	2,490,000	38,507	15.5	14.8	3,849	100.0	129.8
1974	2,544,000	39,036	15.3	14.8	3,976	101.9	132.3
1975	2,577,000	40,148	15.6	14.6	4,244	105.7	142.5
1976	2,618,000	40,978	15.7	14.6	4,465	109.0	147.8
1977	2,676,000	43,056	16.1	15.1	4,903	113.9	155.0
1978	2,766,000	44,063	15.9	15.0	5,343	121.3	163.2
1979	2,851,000	47,179	16.5	15.6	5,853	124.1	171.1
1980	2,889,964	49,716	17.2	15.8	6,465	130.0	184.3
1981	2,965,000	52,104	17.6	15.9	7,016	135.0	***

*Population figures for census years are actual April 1 census counts, figures for intercensal years are estimates as of July 1. Estimates for 1971 through 1979 have been revised to conform with 1980 Colorado census counts.

**Total birth rates are per 1,000 population.
Illegitimate birth rates are per 1,000 live births.

***United States data are not available at time of publication.

Table 5. DEATHS, INFANT DEATHS, NEONATAL DEATHS, AND MATERNAL DEATHS - Colorado Residents and United States Rates, Selected Years, 1910 - 1981

	TOTAL DEATHS			INFANT DEATHS			NEONATAL DEATHS			MATERNAL DEATHS		
	COLORADO		U.S.	COLORADO		U.S.	COLORADO		U.S.	COLORADO		U.S.
YEAR	No.	Rate*	Rate*	No.	Rate*	Rate*	No.	Rate*	Rate*	No.	Rate*	Rate*
1910	11,053	13.8	14.7	NA	104.2	132.0	NA	NA	NA	NA	NA	NA
1920	13,569	14.4	13.0	NA	101.9	100.8	NA	NA	NA	NA	NA	NA
1930	13,191	12.7	11.3	NA	91.5	68.6	NA	NA	NA	NA	NA	NA
1940	12,181	10.8	10.8	1,275	59.8	47.0	707	33.0	28.8	88	41.1	37.6
1950	12,222	9.2	9.6	1,158	34.2	29.2	791	23.4	20.5	30	8.9	8.3
1951	12,581	9.5	9.7	1,192	33.3	28.4	864	24.2	20.0	28	7.8	7.5
1952	12,837	9.3	9.6	1,200	32.3	28.4	808	21.8	19.8	29	7.8	6.8
1953	12,913	8.9	9.6	1,246	32.9	27.8	894	23.6	19.6	21	5.5	6.1
1954	12,914	8.5	9.2	1,210	31.1	26.6	832	21.4	19.1	21	5.4	5.2
1955	13,224	8.4	9.3	1,204	30.2	26.4	892	22.4	19.1	18	4.5	4.7
1956	13,728	8.3	9.4	1,205	29.0	26.0	895	21.5	18.9	14	3.4	4.1
1957	14,410	8.5	9.6	1,251	30.3	26.3	947	23.0	19.1	15	3.6	4.1
1958	14,391	8.5	9.5	1,282	30.6	27.1	940	22.4	19.5	8	1.9	3.8
1959	14,795	8.7	9.4	1,213	28.9	26.4	934	22.2	19.0	20	4.8	3.7
1960	15,351	8.8	9.5	1,182	27.5	26.0	916	21.3	18.7	9	2.1	3.7
1961	15,128	8.2	9.3	1,169	26.2	25.3	875	19.6	18.4	12	2.7	3.7
1962	15,992	8.4	9.5	1,098	25.2	25.3	811	18.6	18.3	9	2.1	3.5
1963	16,106	8.3	9.6	1,096	26.0	25.2	816	19.3	18.2	13	3.1	3.6
1964	16,400	8.3	9.4	1,033	25.5	24.8	764	18.8	17.9	6	1.5	3.3
1965	16,206	8.1	9.4	895	24.3	24.7	654	17.7	17.7	9	2.4	3.2
1966	16,325	8.1	9.5	820	23.5	23.7	617	17.7	17.2	4	1.1	2.9
1967	16,321	8.0	9.4	805	22.9	22.4	624	17.7	16.5	9	2.6	2.8
1968	17,705	8.4	9.7	762	20.7	21.8	580	15.7	16.1	5	1.4	2.5
1969	17,081	7.9	9.5	806	20.6	20.9	609	15.5	15.6	6	1.5	2.2
1970	17,439	7.9	9.5	829	20.0	20.0	628	15.1	15.1	9	2.2	2.2
1971	17,892	7.8	9.3	736	18.2	19.1	541	13.4	14.2	8	2.0	1.9
1972	17,856	7.5	9.4	678	17.6	18.5	487	12.6	13.6	4	1.0	1.9
1973	18,633	7.5	9.3	637	16.5	17.7	465	12.1	13.0	4	1.0	1.5
1974	17,851	7.0	9.1	612	15.7	16.7	447	11.5	12.3	8	1.8	1.5
1975	17,401	6.8	8.8	572	14.2	16.1	383	9.5	11.6	5	1.2	1.3
1976	17,966	6.9	8.8	531	13.0	15.2	357	8.7	10.9	2	0.5	1.2
1977	17,875	6.7	8.6	517	12.0	14.1	318	7.4	9.9	7	1.6	1.1
1978	18,325	6.6	8.7	493	11.2	13.8	303	6.9	9.5	2	0.5	1.0
1979	18,408	6.5	8.5	496	10.5	13.0	300	6.4	8.9	3	0.6	0.8
1980	18,927	6.5	8.7	500	10.1	12.5	329	6.6	8.4	6	1.2	0.7
1981	19,360	6.5	8.7	517	9.9	11.7	337	6.5	7.8	4	0.8	0.8

*Total death rates are per 1,000 population.
Neonatal and infant death rates are per 1,000 live births.
Maternal death rates are per 10,000 live births.

FIGURE 2 - BIRTH AND DEATH RATES - Colorado Residents, 1940-1941

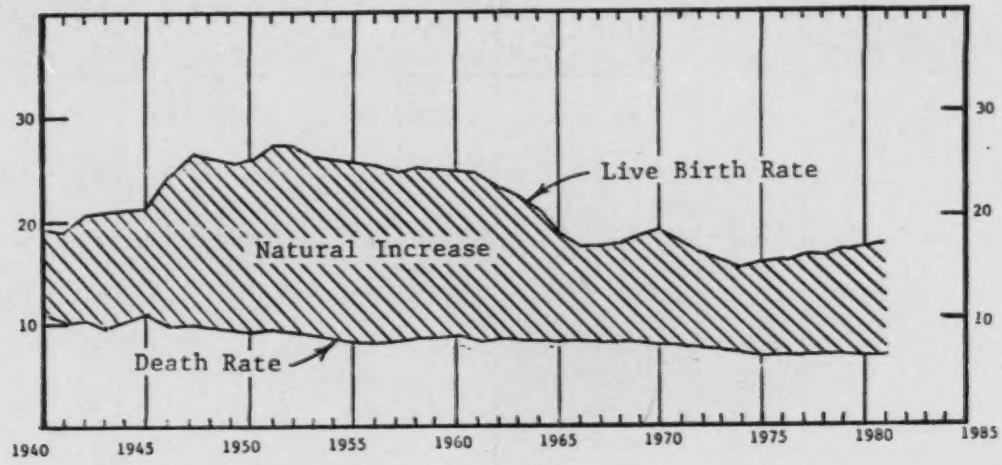


FIGURE 3 - INFANT AND MATERNAL DEATH RATES, ILLEGITIMATE BIRTH RATES - Colorado Residents, 1940-1981

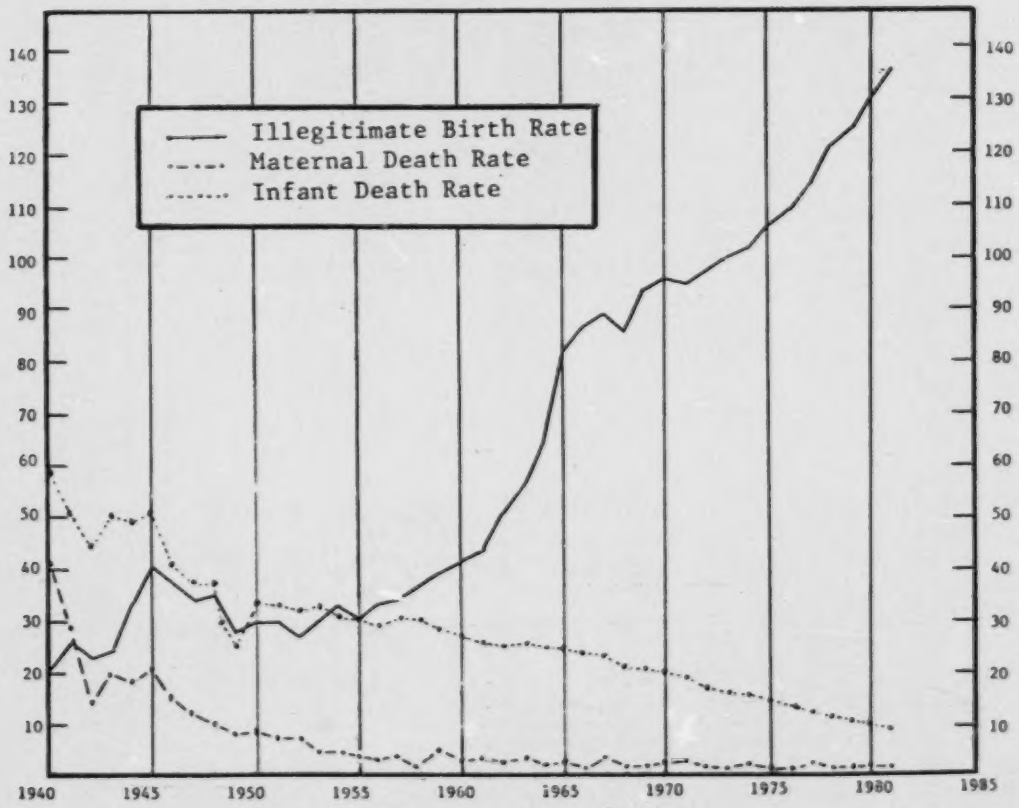


Table 6 - TOTAL BIRTHS AND DEATHS FOR SELECTED INCORPORATED CITIES (1980 Population ≥ 2,500) BY CITY OF RESIDENCE - Colorado, 1976 - 1981

CITY	1980 POPULATION	LIVE BIRTHS							DEATHS						
		1981	1980	1979	1978	1977	1976	1975	1981	1980	1979	1978	1977	1976	1975
COLORADO	2,889,964	52,104	49,716	47,179	44,063	43,056	40,978	40,148	19,360	18,927	18,408	18,325	17,875	17,966	17,401
Alamosa	6,830	145	145	113	136	138	112	119	50	47	40	56	67	49	52
Arvada-Adams	1,229	39	43	38	32	28	42	47	5	10	3	3	2	3	5
Arvada-Jefferson	83,347	1,251	1,202	1,246	1,132	1,196	1,093	1,089	382	327	377	318	297	286	283
Aspen	3,678	44	35	21	28	26	22	31	17	20	14	14	11	17	14
Aurora-Adams	29,193	643	637	601	554	569	636	492	153	159	169	160	151	114	160
Aurora-Arapahoe	129,395	2,751	2,568	2,272	2,045	1,676	1,501	1,497	559	548	411	402	344	326	293
Boulder	76,685	845	728	749	715	731	678	705	407	362	362	354	391	371	371
Brighton	12,773	276	276	237	280	237	227	244	104	87	104	94	101	103	93
Broomfield-Boulder	14,514	258	207	194	216	177	167	145	55	59	34	41	35	38	38
Broomfield-Jefferson	749	75	95	74	61	88	65	47	13	7	11	10	7	9	4
Broomfield-Adams	5,467	84	108	104	92	76	88	69	9	9	16	9	8	9	3
Brush	4,082	69	75	62	69	67	52	61	67	60	51	57	53	65	50
Burlington	3,107	50	60	45	52	54	48	51	25	44	28	41	40	35	30
Canon City	13,037	176	180	174	163	159	153	143	228	220	206	239	257	249	251
Castle Rock	3,921	92	60	68	61	51	54	36	20	20	18	19	18	20	18
Colorado Springs	215,150	4,541	4,252	4,101	3,994	4,131	4,145	4,222	1,475	1,447	1,421	1,284	1,271	1,286	1,255
Commerce City	16,234	463	402	440	424	375	332	380	152	150	142	144	142	120	149
Cortez	7,095	167	136	154	127	158	112	151	61	60	73	75	77	59	56
Craig	8,133	221	206	205	169	151	158	95	62	41	56	72	60	51	42
Delta	3,931	78	69	76	82	80	74	63	60	70	66	50	68	64	53
Denver	492,365	8,663	8,428	7,970	7,674	7,608	7,375	7,437	4,603	4,520	4,530	4,644	4,519	4,651	4,580
Durango	11,426	129	180	162	152	178	134	172	101	113	95	94	100	92	104
Edgewater	5,714	99	74	64	69	71	80	63	42	32	26	44	43	33	41
Englewood-Cherry Hills	30,021	732	682	700	632	576	516	631	336	335	344	308	274	313	345
Estes Park	2,703	39	24	32	30	35	24	23	31	29	24	31	23	20	18
Evans	5,063	128	119	97	104	100	83	78	17	25	24	29	22	22	17
Federal Heights	7,846	69	47	41	31	23	35	46	25	21	18	26	21	23	
Florence	2,987	41	45	48	51	44	43	34	35	37	44	38	62	48	48
Fort Collins	65,092	1,004	970	907	797	796	655	660	379	330	326	312	335	319	307
Fort Lupton	4,251	139	140	86	106	83	99	82	33	38	20	24	21	36	17
Fort Morgan	8,768	179	167	156	135	131	130	111	87	96	104	92	92	87	94
Fountain	8,324	241	225	204	203	190	204	211	26	33	33	32	28	31	36
Fruita	2,810	62	76	59	48	36	40	36	36	37	32	26	25	27	29
Glenwood Springs	4,637	86	75	80	72	54	58	65	56	54	41	59	51	51	51
Golden	12,237	273	222	263	259	264	282	280	135	126	142	119	122	128	103
Grand Junction	28,144	677	624	518	459	432	458	430	372	374	272	334	355	322	279
Greeley	53,006	911	936	871	783	788	835	787	421	403	387	352	344	380	329
Greenwood Village	5,729	3	4	4	2	-	2	3	-	2	2	3	1	1	1
Gunnison	5,785	77	65	46	59	45	41	42	25	24	17	27	28	15	19
La Junta	8,338	158	163	151	170	158	186	155	112	102	95	102	128	106	105
Lafayette	8,985	293	248	206	152	123	92	113	51	44	41	48	29	33	38
Lakewood	112,860	1,402	1,230	1,291	1,258	1,397	1,252	1,320	782	745	701	709	669	676	607
Lamar	7,713	185	175	163	148	170	182	126	73	77	80	93	79	77	96
Las Animas	2,818	47	46	45	56	49	53	45	36	35	34	31	38	50	45
Leadville	3,879	100	127	90	74	77	68	55	28	29	24	32	25	32	34
Littleton	28,631	571	514	516	494	438	434	455	255	269	275	252	259	225	229
Longmont	42,942	903	796	790	670	630	618	575	312	277	291	247	248	244	214
Louisville	5,593	122	138	101	90	77	70	62	30	36	27	28	27	27	22
Loveland	30,244	593	557	522	449	428	422	358	268	240	228	234	210	248	219
Manitou Springs	4,475	55	55	52	48	65	60	54	28	34	29	31	33	30	39
Monte Vista	3,902	119	106	71	90	89	86	85	33	43	48	43	47	36	38
Montrose	8,722	142	182	173	149	130	144	119	94	104	96	91	87	100	91
Northglenn	29,847	414	430	367	419	417	387	405	120	136	112	95	95	93	90
Pueblo	101,686	1,625	1,752	1,662	1,587	1,640	1,547	1,590	937	982	961	898	939	949	940
Rifle	3,215	104	82	63	47	33	24	38	24	35	32	24	40	30	34
Rocky Ford	4,804	72	106	93	92	99	93	99	55	52	75	58	62	62	58
Salida	4,870	86	87	67	66	61	65	49	56	73	76	64	57	48	72
Sheridan	5,377	19	17	11	12	17	13	21	15	14	11	22	16	20	13
Steamboat Springs	5,098	85	76	73	74	55	61	47	16	21	19	22	21	25	24
Sterling	11,385	229	217	217	194	199	196	184	119	122	109	106	105	149	115
Thornton	40,343	829	762	755	685	586	550	535	169	152	146	100	111	122	108
Trinidad	9,663	161	154	158	119	174	142	155	130	127	133	127	151	155	154
Walsenburg	3,945	54	46	65	54	53	64	60	53	65	58	45	66	72	69
Westminister-Adams	32,046	551	553	539	478	459	427	444	160	156	155	161	156	175	170
Westminister-Jefferson	18,165	217	217	195	125	29	23	13	6	12	10	16	2	7	-
Wheat Ridge	30,293	339	310	343	317	342	350	345	271	279	266	299	282	291	255
Windsor	4,277	88	69	80	83	61	60	59	29	29	30	38	24	28	35
Woodland Park	2,634	57	55	42	33	27	16	31	10	14	14	10	7	9	10
Yuma	2,824	49	48	43	48	36	41	37	47	28	40	41	36	44	33
Balance of State	914,932	16,615	15,811	14,953	13,684	13,313	12,399	11,616	4,377	4,219	4,109	4,222	3,960	3,930	3,776

NOTE: Births are tabulated by the mother's city of residence.

Table 7. SUMMARY VITAL STATISTICS BY MONTH OF OCCURRENCE - Colorado Residents and Occurrence, 1981

EVENT		TOTAL	MONTH OF OCCURRENCE Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
BIRTHS														
Residence	Number	52104	3950	3779	4396	4293	4557	4573	4561	4654	4501	4332	4074	4434
	Percent	100.0	7.5	7.3	8.4	8.2	8.7	8.8	8.8	8.9	8.6	8.3	7.8	8.5
Occurrence	Number	52504	3989	3800	4420	4340	4587	4618	4594	4682	4517	4381	4118	4458
	Percent	100.1	7.6	7.2	8.4	8.3	8.7	8.0	8.7	8.9	8.6	8.3	7.8	8.5
ILLEGITIMATE BIRTHS														
Residence	Number	7016	594	527	542	577	664	598	609	643	576	523	545	618
	Percent	100.0	8.5	7.5	7.7	8.2	9.5	8.5	8.7	9.2	8.2	7.5	7.8	8.8
Occurrence	Number	7030	598	526	543	576	671	602	609	644	580	524	543	614
	Percent	100.0	8.5	7.5	7.7	8.2	9.5	8.6	8.7	9.2	8.3	7.5	7.7	8.7
FETAL DEATHS														
Residence	Number	457	47	34	28	36	39	33	29	46	35	56	43	31
	Percent	100.0	10.3	7.4	6.1	7.9	8.5	7.2	6.3	10.1	7.7	12.3	9.4	6.8
Occurrence	Number	471	48	34	28	39	39	34	33	48	36	57	44	31
	Percent	100.0	10.2	8.1	5.9	8.3	8.3	7.2	7.0	10.2	7.6	12.1	9.3	6.6
INFANT DEATHS														
Residence	Number	517	43	43	60	37	44	45	37	35	46	46	41	40
	Percent	100.0	8.3	8.3	11.6	7.2	8.5	8.7	7.2	6.8	8.9	8.9	7.9	7.7
Occurrence	Number	560	52	50	64	44	46	52	39	37	48	47	41	40
	Percent	100.0	9.3	8.9	11.4	7.9	8.2	9.3	7.0	6.6	8.6	8.4	7.3	7.1
DEATHS														
Residence	Number	19360	1932	1543	1649	1526	1613	1578	1581	1481	1432	1605	1705	1715
	Percent	100.0	10.0	8.0	8.5	7.9	8.3	8.2	8.2	7.6	7.4	8.3	8.8	8.9
Occurrence	Number	20039	1984	1573	1681	1588	1659	1644	1661	1546	1501	1666	1768	1768
	Percent	100.0	9.9	7.8	8.1	7.9	8.3	8.2	8.3	7.7	7.5	8.3	8.8	8.8
DEATHS BY CAUSE (Residence)														
	TOTAL	19360	1932	1543	1649	1526	1613	1578	1581	1481	1432	1605	1705	1715
Heart Disease		6592	674	500	581	509	586	511	495	530	464	533	596	613
		99.9	10.2	7.6	8.8	7.7	8.9	7.8	7.5	8.0	7.0	8.1	9.0	9.3
Cancer		3721	290	295	326	273	311	325	338	298	302	322	309	332
		100.0	7.8	7.9	8.8	7.3	8.4	8.7	9.1	8.0	8.1	8.7	8.3	8.9
Accidents		1414	105	80	71	127	118	133	172	126	112	139	134	97
		100.0	7.4	5.7	5.0	9.0	8.3	9.4	12.2	8.9	7.9	9.8	9.5	6.9
Stroke		1380	155	132	104	95	100	106	92	106	79	121	141	149
		100.0	11.2	9.6	7.5	6.9	7.2	7.7	6.7	7.7	5.7	8.8	10.2	10.8
Influenza & Pneumonia		671	135	54	58	60	46	43	43	33	40	42	48	69
		100.0	20.1	8.0	8.6	8.9	6.9	6.4	6.4	4.9	6.0	6.3	7.2	10.3
Suicide		537	45	55	50	41	35	50	47	42	47	42	41	42
		99.9	8.4	10.2	9.3	7.6	6.5	9.3	8.8	7.8	8.8	7.8	7.6	7.8
Arteriosclerosis		354	36	36	31	33	28	27	22	25	32	28	26	30
		100.0	10.2	10.2	8.8	9.3	7.9	7.6	6.2	7.1	9.0	7.9	7.3	8.5
Diabetes		278	28	22	29	27	30	19	20	12	13	28	26	24
		100.0	10.1	7.9	10.4	9.7	10.8	6.8	7.2	4.3	4.7	10.1	9.4	8.6
Cirrhosis the Liver		268	31	28	23	20	18	25	21	10	31	25	19	17
		99.9	11.6	10.4	8.6	7.5	6.7	9.3	7.8	3.7	11.6	9.3	7.1	6.3
Homicide		242	29	18	26	21	20	28	27	18	9	19	15	12
		100.0	12.0	7.4	10.7	8.7	8.3	11.6	11.2	7.4	3.7	7.9	6.2	5.0
All Other Causes		3903	404	323	350	320	321	311	304	281	303	306	350	330
		100.2	10.4	8.2	9.0	8.2	8.2	8.0	7.8	7.2	7.8	7.8	9.0	8.5

NOTE: The "ICD-9" Codes included in each of the causes of death are listed in Appendix "B".

Table 8. POPULATION, LIVE BIRTHS (Male and Female), LOW BIRTHWEIGHT BIRTHS, ILLEGITIMATE BIRTHS, DEATHS (Male and Female), INFANT DEATHS (Male and Female), NEONATAL, FETAL (≥ 20 Weeks Gestation) AND PERINATAL DEATHS BY RACE AND SPANISH ORIGIN - Colorado Residents, 1981

EVENT	TOTAL		WHITE				NON-WHITE	
			Total		Anglo White	Spanish Surname	Total	
	Number	Rate*	Number	Rate*			Number	Rate*
POPULATION**	2,965,000	NA	2,806,000	NA	NA	NA	159,000	NA
Live Births	52,104	17.6	47,701	17.0	40.133	7,568	4,403	27.7
Males	26,584	NA	24,284	NA	20,501	3,783	2,300	NA
Female	25,520	NA	23,417	NA	19,632	3,785	2,103	NA
Low Birthweight Births	4,167	80.0	3,705	77.7	3,015	690	462	104.9
Illegitimate Births	7,016	134.7	5,793	121.4	3,672	2,121	1,223	277.8
Deaths	19,360	6.5	18,645	6.6	17,220	1,425	715	4.5
Male	10,444	NA	10,025	NA	9,145	880	419	NA
Female	8,916	NA	8,620	NA	8,075	545	296	NA
Infant Deaths	517	9.9	478	10.0	415	63	39	8.9
Male	282	10.6	260	10.7	228	32	22	9.6
Female	235	9.2	218	9.3	187	31	17	8.1
Neonatal Deaths	337	6.5	308	6.5	265	43	29	6.6
Fetal (≥20 Weeks) Deaths	457	8.8	401	8.4	346	55	40	9.1
Perinatal Deaths	794	15.1	709	14.7	611	98	69	15.5

EVENT	NON-WHITE						NON-SPANISH ORIGIN		SPANISH ORIGIN	
	Black	Rate*	Indian	Rate*	Other	Rate*	Number	Rate*	Number	Rate*
POPULATION**	106,000	NA	19,000	NA	34,000	NA	2,616,000	NA	349,000	NA
Live Births	2,540	24.0	564	29.7	1,299	38.2	44,374	17.0	7,730	22.1
Male	1,309	NA	295	NA	696	NA	22,711	NA	3,873	NA
Female	1,231	NA	269	NA	603	NA	21,663	NA	3,857	NA
Low Birthweight Births	312	122.8	31	55.0	119	91.6	3,472	78.2	695	89.9
Illegitimate Births	1,045	411.4	113	200.4	65	50.0	4,855	109.4	2,161	279.6
Deaths	582	5.5	68	3.6	65	1.9	18,150	6.9	1,210	3.5
Male	345	NA	32	NA	42	NA	9,714	NA	730	NA
Female	237	NA	36	NA	23	NA	8,436	NA	480	NA
Infant Deaths	29	11.4	7	12.4	3	2.3	451	10.2	66	8.5
Male	16	12.2	4	13.6	2	2.9	245	10.8	37	9.6
Female	13	10.6	3	11.2	1	1.7	206	9.5	29	7.5
Neonatal Deaths	23	9.1	4	7.1	2	1.5	298	6.7	39	5.0
Fetal (≥20 Weeks) Deaths	28	11.0	4	7.1	8	61.6	409	9.2	48	6.2
Perinatal Deaths	51	19.1	8	14.1	10	7.7	707	15.8	87	11.2

*Birth and death rates are per 1,000 population.
Rates for low birthweight births and illegitimate births are per 1,000 live births.
Infant, neonatal and fetal death rates are per 1,000 live births. Infant deaths by sex are specific to each sex and race category.
Perinatal death rates are per 1,000 live births and fetal deaths of 20 weeks or more gestation.
**Population figures are pro rata estimates using modified 1980 Census Counts (see PREFACE).
NOTE: Race and Origin shown are that of the fetus, child, or decedent.
Fetal and Perinatal deaths include 16 with race not stated.

Table 9. TOTAL PREGNANCIES, LIVE BIRTHS, INDUCED ABORTIONS, AND SPONTANEOUS FETAL DEATHS (≥ 20 Weeks Gestation) FOR ALL WOMEN AND WOMEN UNDER 20 YEARS OF AGE - Colorado Occurrence, 1970-1981

	ALL AGES				UNDER 20 YEARS OF AGE			
YEAR	TOTAL	LIVE BIRTHS	INDUCED ABORTIONS	FETAL DEATHS (≥ 20 Wks.)	TOTAL	LIVE BIRTHS	INDUCED ABORTIONS	FETAL DEATHS (≥ 20 Wks.)
1970	46,038	42,563	2,581	894	8,506	7,428	869	209
1971	46,225	41,180	4,168	877	8,916	7,235	1,448	233
1972	45,475	39,488	5,383	604	9,172	7,120	1,938	114
1973	47,434	39,438	7,451	545	9,959	7,232	2,621	106
1974	49,409	39,816	9,027	566	10,282	7,105	3,086	91
1975	51,657	40,630	10,466	561	10,480	6,805	3,569	106
1976	53,470	41,349	11,539	582	10,708	6,584	4,041	83
1977	57,082	43,544	12,913	625	10,783	6,468	4,220	95
1978	60,474	44,506	15,397	571	11,299	6,292	4,926	81
1979	64,392	47,741	16,232	419	11,632	6,532	5,032	68
1980	68,188	50,167	17,601	420	11,580	6,650	4,873	57
1981	70,215	52,504	17,240	471	11,128	6,664	4,394	70

Table 10. TOTAL PREGNANCIES, LIVE BIRTHS, INDUCED ABORTIONS, AND SPONTANEOUS FETAL DEATHS (≥ 20 Weeks Gestation) FOR ALL WOMEN AND WOMEN UNDER 20 YEARS OF AGE BY LEGITIMACY - Colorado Residents and Occurrence, 1981

EVENT		ALL AGES		UNDER 20 YEARS	
		TOTAL	ILLEGITIMATE	TOTAL	ILLEGITIMATE
TOTAL PREGNANCIES	Residence*	66,361	17,147	10,661	6,294
	Occurrence	70,215	18,162	11,539	6,736
BIRTHS	Residence*	52,104	7,016	6,664	2,794
	Occurrence	52,504	7,030	7,075	2,804
INDUCED ABORTIONS	Residence*	13,800	10,053	3,929	3,468
	Occurrence	17,240	11,052	4,394	3,900
FETAL DEATHS (≥ 20 Weeks)	Residence*	457	78	68	32
	Occurrence	471	80	70	32
PREGNANCY RATE** (Residence)		88.3	22.8	42.9	25.4
FETAL DEATHS (≥ 20 Weeks Gestation)	Residence*	2,491	557	302	175
	Occurrence	2,577	569	309	179

**Pregnancy Rates for All Ages are Live Births, Induced Abortions and Fetal Deaths (20 weeks Gestation) per 1,000 women age 15-44 years (751,175). Pregnancy Rates for women under age 20 years are per estimated 1,000 women age 10-19 years (248,260).

*These figures are for Colorado resident with the event occurring in Colorado only. Data are not available for events occurring outside of Colorado.

Section 2
NATALITY

A total of 52,104 live births to Colorado residents were registered during 1981, the greatest number ever recorded for Colorado residents. Of these, 293 occurred outside of Colorado, while 693 non-residents also gave birth in Colorado bringing the number of 1981 live birth occurrences for Colorado to 52,504.

The Colorado resident birth rate of 17.6 live births per 1,000 population continues a fairly constant increase from a record low of 15.3, occurring in 1974. It is still lower than the 1970 rate of 18.8 and considerably lower than the thirty year high of 26.9 live births per 1,000 population occurring in 1951 and 1952. The increasing number of births in the last few years is in part a result of Colorado's growth during this same period. Table 11 presents birth rates and fertility rates for 1981 and the last five Census years starting with 1940. A long term downward trend is shown, despite a slight upturn in 1981. Table 12 presents age specific birth rates for Colorado resident births in 1980 and shows decreases from 1970 in the rate for every age group with the exception of 10-14 year olds. Table 13 presents selected birth statistics starting with 1970 that further suggest the climb in birthrate begun in 1975 is not likely to approach the rate of birth in the fifties. Births to women with no other living children accounted for 45.7% of the resident total in 1981, compared to 39.5% in 1970, indicating a trend toward smaller families. This is seen as a long term trend: first born children accounted for 32.0% of the resident live births in 1950 and 45.1% in 1981. Of the women giving birth in 1981, 45.7% were under the age of 25 years, compared to 56.9% of those in 1970, suggesting these smaller families are started later in life.

Table 11. BIRTH AND FERTILITY RATES - Colorado Residents and United States Rates, Selected Years, 1940-1981

	COLORADO					UNITED STATES	
	NATALITY			FERTILITY			
YEAR	Births	Population	Birth Rate*	Women Age 15-44 Years	Fertility Rate*	Birth Rate*	Fertility Rate*
1940	21,416	1,123,296	19.1	260,721	82.1	17.9	79.9
1950	33,853	1,325,089	25.5	293,967	115.2	23.6	106.2
1960	42,905	1,753,947	24.5	355,530	120.7	23.7	119.0
1970	41,480	2,209,596	18.8	485,447	85.4	18.4	87.6
1980	49,716	2,889,964	17.2	732,165	67.9	15.8	67.7
1981	52,104	2,965,000	17.6	751,175	69.4	15.9	67.6

*Birth rates are per 1,000 population.
Fertility rates are live births per 1,000 women age 15-44 years.

Table 12. AGE-SPECIFIC BIRTH RATES AND TOTAL FERTILITY RATES - Colorado Residents, 1980 and 1970

AGE OF MOTHER	1980			1970		
	Live Births	Number of Women	Rate*	Live Births	Number of Women	Rate*
TOTAL	49,716	732,165	1,781.0	41,480	485,447	2,349.0
10-14	57	111,002	0.5	42	114,761	0.4
15-19	6,530	130,979	49.9	7,132	107,146	66.7
20-24	16,642	148,287	112.2	16,436	100,666	163.3
25-29	16,081	149,035	107.9	11,330	80,099	141.4
30-34	8,349	130,816	63.8	4,441	67,848	65.5
35-39	1,842	96,265	19.1	1,631	64,170	25.4
40-44	198	76,783	2.6	439	65,518	6.7
45-49	12	68,859	0.2	24	64,020	0.4
Not Stated	5	-	-	5	-	-

*Age-Specific birth rates are per 1,000 women in each age group. Total fertility rates are the sum of the age-specific rates X 5, and are per 1,000 women.

Table 13. SELECTED BIRTH STATISTICS - Colorado Residents, 1970-1981

YEAR	BIRTHS			LOW BIRTH-WEIGHT BIRTHS		CONGENITAL ANOMALIES REPORTED AT BIRTH		AGE OF MOTHER (Years)		PERCENT OF MOTHERS UNDER 25 YEARS OF AGE	PERCENT WITH NO OTHER LIVING CHILDREN	PERCENT ILLEGIT-IMATE
	TOTAL	Male	Female	No.	%	No.	%	Median	Mode			
1970	41,480	21,334	20,146	4,002	9.6	536	1.3	24.0	23	56.9	39.5	9.6
1971	40,360*	20,634	19,722	3,715	9.2	623	1.5	24.1	24	57.5	39.6	9.5
1972	38,585*	19,853	18,727	3,563	9.2	478	1.2	24.3	25	55.4	40.0	9.7
1973	38,507	19,772	18,735	3,568	9.3	470	1.2	24.3	24	55.0	39.9	10.0
1974	39,036	19,999	19,037	3,496	9.0	396	1.0	24.5	22	54.0	44.1	10.2
1975	40,148*	20,700	19,447	3,622	9.0	455	1.1	24.6	23	52.9	44.2	10.6
1976	40,978	21,012	19,966	3,616	8.8	499	1.2	24.9	23	50.9	41.1	10.9
1977	43,056*	21,945	21,110	3,570	8.3	490	1.1	25.1	24	49.5	41.2	11.4
1978	44,063	22,619	21,444	3,617	8.2	490	1.1	25.2	24	48.5	44.6	12.1
1979	47,179	24,267	22,912	3,855	8.2	513	1.1	25.3	25	47.4	45.0	12.4
1980	49,716*	25,433	24,282	4,090	8.2	523	1.1	25.0	23	46.7	46.1	13.0
1981	52,104	26,584	25,520	4,167	8.0	518	1.0	25.1	25	45.7	45.7	13.5

*1980 includes 1 birth of indeterminate gender, 1977 includes 1, 1975 includes 1, 1972 includes 5 and 1971 includes 4.

The median birthweight for the 52,104 resident live births in 1981 was 7 pounds 2 ounces (3,275 grams), compared to 7 pounds 7 ounces (3,360 grams) nationally (1980). The median birthweight for Colorado has remained the same since 1975, however low birthweight births (5 pounds 8 ounces or less) have decreased from 9.6% of the total in 1970 to 8.0% in 1981. In this same period, pregnancies in which prenatal care began in the first trimester (first three months of pregnancy as reported on the birth certificate) accounted for 76.8% of the total live births in 1981, compared to 68.5% in 1970.

Women of twelve or more completed years of education accounted for 79.8% of the total in 1981, however this may include many young women who have yet to complete their education. Among those of age 25 years or more, 90.8% reported high school educations or higher. This compares to 51.6% of the women giving birth out of wedlock, but this group is also comprised of many young women who may continue their education later. Twelve or more completed years of education were reported for the women in 72.9% of the low birthweight births.

Births with congenital malformations reported on the birth certificate numbered 518 in 1981, and has been fairly stable at 1.0 to 1.2% of the total since 1972. It should be noted that this does not consider the severity of the anomaly. Congenital anomalies were cited for 98 (2.4%) of the 4,167 resident low-birthweight births. Among the 518 cases for which malformations were cited, mothers with twelve or more years of education comprised 81.9%.

Complications of pregnancy were cited in 4,482 resident births (8.6%) while complications of delivery were reported for 12,192 (23.4%). These totals are not necessarily exclusive of each other. Among low birthweight births, complications of pregnancy were cited for 1,144 (27.5%) and complications of delivery were cited for 1,822 (43.7%) of these cases. Plural births involved a total of 905 babies in 1981, of which 536 were low-birthweight.

Table 14. LIVE BIRTHS BY EDUCATION OF MOTHER, OTHER LIVING CHILDREN AND MONTH IN WHICH PRENATAL CARE BEGAN - Colorado Residents, 1981

EDUCATION OF MOTHER			OTHER LIVING CHILDREN			MONTH IN WHICH PRENATAL CARE BEGAN		
Years	Number	%	Children	Number	%	Months	Number	%
TOTAL	52,104	100.0	TOTAL	52,104	100.0	TOTAL	52,104	100.0
6	801	1.5	None	23,824	45.7	No Care*	240	0.5
7	156	0.3	1	16,936	32.5	First	6,971	13.4
8	532	1.0	2	7,218	13.9	Second	21,449	41.2
9	1,573	3.0	3	2,452	4.7	Third	11,595	22.3
10	3,075	5.9	4	845	1.6	Fourth	4,578	8.8
11	3,611	6.9	5	367	0.7	Fifth	2,488	4.8
12	20,633	39.6	6	135	0.3	Sixth	1,595	3.1
13-14	9,494	18.2	7	76	0.1	Seventh	1,108	2.1
15-16	8,619	16.5	8	37	0.1	Eighth	680	1.3
17+	2,857	5.5	9+	44	0.1	Ninth	250	0.5
Not Stated	753	1.4	Not Stated	170	0.3	Not Stated	1,150	2.2

*No care except at delivery

Table 15. LIVE BIRTHS BY RACE AND SPANISH ORIGIN OF CHILD AND AGE OF MOTHER - Colorado Residents, 1981

RACE AND SPANISH ORIGIN OF CHILD	TOTAL	AGE OF MOTHER (Years)							
		<15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Not Stated
TOTAL	52,104	77	6,587	17,137	16,807	9,170	2,045	266	12	3
White	47,701	62	5,943	15,548	15,468	8,550	1,875	243	10	2
Anglo White	40,133	29	4,151	12,698	13,691	7,729	1,627	201	5	2
Spanish Surname	7,568	33	1,792	2,850	1,777	821	248	42	5	-
Non-White	4,403	15	644	1,589	1,339	620	170	23	2	1
Black	2,540	9	473	1,016	712	266	57	7	-	-
Indian	564	2	75	191	182	81	30	3	-	-
Other & Unknown	1,299	4	96	382	445	273	83	13	2	1
NON-SPANISH ORIGIN	44,374	42	4,776	14,195	14,997	8,340	1,791	222	9	2
SPANISH ORIGIN	7,730	35	1,811	2,942	1,810	830	254	44	3	1

Table 16. LIVE BIRTHS BY BIRTHWEIGHT, PRENATAL VISTS AND AGE OF MOTHER - Colorado Residents, 1981

BIRTHWEIGHT (POUNDS)	TOTAL	AGE OF MOTHER (Years)							
		<15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Not Stated
TOTAL	52,104	77	6,587	17,137	16,807	9,170	2,045	266	12	3
Under 1 Pound	24	-	3	2	12	4	1	2	-	-
1	152	-	36	46	45	13	11	1	-	-
2	231	-	34	85	64	40	8	-	-	-
3	458	-	77	143	144	79	12	3	-	-
4	1,240	1	192	455	369	173	41	9	-	-
5	5,076	9	821	1,813	1,468	740	186	35	2	2
6	14,999	34	2,161	5,216	4,630	2,387	518	48	4	1
7	18,355	22	2,208	5,943	6,089	3,312	691	88	2	-
8	8,030	10	857	2,741	3,104	1,847	415	53	3	-
9	2,108	-	165	580	762	456	126	18	1	-
10 Pounds and over	361	1	19	94	104	105	30	8	-	-
Not Stated	70	-	14	19	16	14	6	1	-	-
PRENATAL VISITS										
None*	491	4	142	165	90	53	31	3	1	2
1- 6	5,911	24	1,515	2,212	1,294	622	198	44	2	-
7-12	29,995	36	3,658	9,910	9,893	5,190	1,164	140	4	-
13 or More	14,701	12	1,073	4,467	5,289	3,176	609	73	2	-
Not Stated	1,006	1	199	383	241	129	43	6	3	1

*No care except at delivery.

Table 17. LIVE BIRTHS, LOW BIRTHWEIGHT BIRTHS AND ILLEGITIMATE BIRTHS BY SINGLE YEAR AGE OF MOTHER - Colorado Residents, 1981

AGE (YEARS) OF MOTHER	TOTAL BIRTHS		LOW BIRTHWEIGHT BIRTHS		ILLEGITIMATE BIRTHS	
	Number	Percent	Number	Percent	Number	Percent
TOTAL	52,104	100.0	4,167	100.0	7,016	100.0
12	1	*	-	-	1	*
13	5	*	-	-	5	0.1
14	71	0.1	2	*	61	0.9
15	227	0.4	26	0.6	177	2.5
16	644	1.2	80	1.9	420	6.0
17	1,193	2.3	107	2.6	580	8.3
18	1,816	3.5	182	4.4	736	10.5
19	2,707	5.2	262	6.3	814	11.6
20	3,147	6.0	305	7.3	711	10.1
21	3,355	6.4	293	7.0	571	8.1
22	3,525	6.8	289	6.9	531	7.6
23	3,546	6.8	282	6.8	382	5.4
24	3,564	6.8	311	7.5	342	4.9
25	3,720	7.1	314	7.5	321	4.6
26	3,586	6.9	271	6.5	265	3.8
27	3,424	6.6	221	5.3	227	3.2
28	3,188	6.1	210	5.0	155	2.2
29	2,889	5.5	231	5.5	138	2.0
30	2,563	4.9	162	3.9	98	1.4
31	2,220	4.3	143	3.4	120	1.7
32	1,805	3.5	108	2.6	94	1.3
33	1,409	2.7	97	2.3	68	1.0
34	1,173	2.3	83	2.0	46	0.7
35	737	1.4	50	1.2	45	0.6
36	495	1.0	36	0.9	24	0.3
37	375	0.7	32	0.8	23	0.3
38	264	0.5	24	0.6	15	0.2
39	174	0.3	13	0.3	15	0.2
40	103	0.2	13	0.3	12	0.2
41	81	0.2	5	0.1	6	0.1
42	42	0.1	6	0.1	7	0.1
43	28	0.1	6	0.1	5	0.1
44	12	*	-	-	-	-
45	4	*	1	*	-	-
46	2	*	-	-	-	-
47	3	*	-	-	-	-
48+	3	*	1	*	-	-
Not Stated	3	*	1	*	1	*
Median Age		25.1 Years		24.3 Years		20.5 Years
Mean Age		25.4 Years		24.8 Years		21.7 Years
No Other Living Children		45.7 Percent		49.5 Percent		62.8 Percent

*Non-zero value less than 0.05%

Table 18. CONGENITAL ANOMALIES REPORTED ON BIRTH CERTIFICATE - Colorado Residents, 1981

TOTAL CONGENITAL ANOMALIES REPORTED ON BIRTH CERTIFICATE -	518
Percent of Total Live Births -	1.0
ANENCEPHALUS & SIMILAR ANOMALIES	10
Anencephalus	10
Craniorachischisis	-
Iniencephaly	-
SPINA BIFIDA	12
With Hydrocephalus	1
Without Mention of Hydrocephalus	11
OTHER ANOMALIES OF NERVOUS SYSTEM	16
Encephalocele	-
Microcephalus	2
Reduction Deformities of Brain	-
Congenital Hydrocephalus	13
Other Specified Anomalies of Brain	1
Other Spec. Anomalies of Spinal Cord	-
Other Spec. Anomalies of Nervous Sys.	-
Unspecified Anomalies of Nervous Sys.	-
CONGENITAL ANOMALIES OF EYE	3
Anophthalmos	-
Microphthalmos	1
Buphthalmos	-
Congenital Cataract & Lens Anomalies	1
Coloboma & Anterior Segment Anomalies	1
Anomalies of Posterior Segment	-
Eyelids, Lacrimal System & Orbit	-
Other Specified Anomalies of Eye	-
Unspecified Anomalies of Eye	-
ANOMALIES OF EAR, FACE & NECK	9
Of Ear, Causing Impairment of Hearing	1
Accessory Auricle	-
Other Specified Anomalies of Ear	2
Unspecified Anomalies of Ear	3
Branchial Cleft, Cyst or Fistula, Preauricular Sinus	1
Webbing of Neck	-
Other Spec. Anomalies of Face & Neck	1
Unspecified Anomalies of Face & Neck	1
BULBUS CORDIA ANOMALIES & ANOMALIES OF CARDIAC SEPTAL CLOSURE	8
Common Truncus	-
Transposition of Great Vessels	1
Tetralogy of Fallot	-
Common Ventricle	-
Ventricular Septal Defect	4
Ostium Secundum Type Atrial Septal Defect	1
Endocardial Cushion Defects	-
Cor Biloculare	-
Other Defect of Septal Closure	1
Unspecified Defect of Septal Closure	1
OTHER CONGENITAL ANOMALIES OF HEART	15
Anomalies of Pulmonary Valve	-
Tricuspid Atresia & Stenosis, Congenital	-
Ebstein's Anomaly	-
Congenital Stenosis of Aortic Valve	-
Congenital Insufficiency of Aortic Valve	-
Congenital Mitral Stenosis	-
Congenital Mitral Insufficiency	-
Hypoplastic Left Heart Syndrome	1
Other Specified Anomalies of Heart	4
Unspecified Anomalies of Heart	10
OTHER ANOMALIES OF CIRCULATORY SYSTEM	9
Patent Ductus Arteriosus	4
Coarctation of Aorta	1
Other Anomalies of Aorta	-
Anomalies of Pulmonary Artery	-
Anomalies of Great Veins	-
Absence or Hypoplasia of Umbilical Artery	4
Other Anomalies of Peripheral Vascular System	-
Other Specified Anomalies of Circulatory System	-
Unspecified Anomalies of Circ. System	-
CONGENITAL ANOMALIES OF RESPIRATORY SYSTEM	3
Choanal Atresia	1
Other Anomalies of Nose	-
Web of Larynx	-
Other Anomalies of Larynx, Trachea & Bronchus	-
Congenital Cystic Lung	-
Agenesis, Hypoplasia & Dysplasia of Lung	2
Other Anomalies of Lung	-
Other Specified Anomalies of Resp. System	-
Unspecified Anomalies of Resp. System	-
CLEFT PALATE & CLEFT LIP	54
Cleft Palate	9
Cleft Lip	21
Cleft Palate with Cleft Lip	24
OTHER CONGENITAL ANOMALIES OF UPPER ALIMENTARY TRACT	4
Tongue Tie	-
Other Anomalies of Tongue	-
Other Spec. Anomalies of Mouth & Pharunx	-
Tracheo-Oesophageal Fistula, Oesophageal Atresia & Stenosis	3
Other Spec. Anomalies of Oesophagus	-
Congenital Hypertrophic Pyloric Stenosis	-
Congenital Hiatus Hernia	-
Other Specified Anomalies of Stomach	-
Other Spec. Anomalies of Upper Alimentary	-
Unspec. Anomalies of Upper Alimentary	1

Table 18 - Continued

OTHER ANOMALIES OF DIGESTIVE SYSTEM	11
Meckel's Diverticulum	-
Atresia & Stenosis of Small Intestine	4
Atresia & Stenosis of Large Intestine, Rectum and Anal Canal	4
Hirschsprung's Disease & Other Cong. Functional Disorders of Colon	-
Anomalies of Intestinal Fixation	-
Other Anomalies of Intestine	1
Anomalies of Gallbladder, Bile Ducts & Liver	1
Anomalies of Pancreas	-
Other Spec. Anomalies of Dig. System	1
Unspecified Anomalies of Dig. System	-
ANOMALIES OF GENITAL ORGANS	35
Anomalies of the Ovaries	-
Of Fallopian Tubes & Broad Ligaments	-
Doubling of Uterus	-
Other Anomalies of Uterus	-
Anomalies of Cervix, Vagina & External Female Genitalia	1
Undescended Testicle	5
Hypospadias & Epispadias	27
Indeterminate Sex & Pseudohermaphroditism	-
Other Specified Anomalies of Genitals	-
Unspecified Anomalies of Genitals	2
ANOMALIES OF URINARY SYSTEM	4
Renal Agenesis & Dysgenesis	1
Cystic Kidney Disease	-
Obstructive Defects of Renal Pelvis & Ureter	1
Other Specified Anomalies of Kidney	1
Other Specified Anomalies of Ureter	-
Exstrophy of Urinary Bladder	-
Atresia & Stenosis of Urethra & Bladder Neck	-
Anomalies of Urachus	-
Other Specified Anomalies of Bladder & Urethra	1
Unspecified Anomalies of Urinary System	-
CERTAIN CONGENITAL MUSCULOSKELETAL DEFORMITIES	49
Of Skull, Face & Jaw	1
Of Sternocleidomastoid Muscle	-
Deformities of Spine	-
Congenital Dislocation of Hip	11
Congenital Genu Recurvatum & Bowing of Long Bones of Leg	-
Varus Deformities of Feet	8
Valgus Deformities of Feet	2
Other Deformities of Feet	26
Other Specified Musculoskeletal Deformities	1
OTHER ANOMALIES OF LIMBS	81
Polydactyly	24
Syndactyly	5
Reduction Deformities of Upper Limb	4
Reduction Deformities of Lower Limb	-
Reduction Deformities, Unspecified Limb	-
Anomalies of Upper Limb & Shoulder Girdle	11
Anomalies of Lower Limb & Pelvic Girdle	36
Other Spec. Anomalies of Unspec. Limb	1
Unspecified Anomalies of Unspecified Limb	-
OTHER MUSCULOSKELETAL ANOMALIES	28
Anomalies of Skull & Face Bones	7
Anomalies of Spine	4
Cervical Rib	-
Other Anomalies of Rib & Sternum	1
Chondrodystrophy	-
Osteodystrophies	2
Anomalies of Diaphragm	8
Anomalies of Abdominal Wall	4
Other Specified Anomalies of Muscle, Tendon, Fascia & Connective Tissue	-
Unspecified Musculoskeletal Anomalies	2
ANOMALIES OF THE INTEGUMENT	37
Hereditary Oedema of Legs	-
Ichthyosis Congenita	-
Dermatoglyphic Anomalies	-
Other Specified Anomalies of Skin	30
Specified Anomalies of Hair	-
Specified Anomalies of Nails	-
Specified Anomalies of Breast	1
Other Spec. Anomalies of the Integument	-
Unspecified Anomalies of the Integument	6
CHROMOSOMAL ANOMALIES	27
Down's Syndrome	17
Patau's Syndrome	3
Edward's Syndrome	2
Autosomal Deletion Syndromes	-
Balanced Autosomal Translocation	-
Other Conditions of Autosomal Anomalies	1
Gonadal Dysgenesis	3
Klinefelter's Syndrome	-
Other Sex Chromosome Anomalies	-
Unspecified Chromosome Anomalies	1
OTHER & UNSPECIFIED ANOMALIES	103
Anomalies of Spleen	-
Anomalies of Adrenal Gland	-
Anomalies of Other Endocrine Glands	1
Situs Inversus	1
Conjoined Twins	2
Tuberous Sclerosis	-
Other Hamartoses, Not Listed Elsewhere	-
Multiple Congenital Anomalies	81
Other Specified Anomalies	-
Congenital Anomaly, Unspecified	18

Section 3
FETAL DEATHS (≥ 20 Weeks)

A total of 457 spontaneous fetal deaths of 20 weeks gestational age and over occurred in Colorado to Colorado residents in 1981. Records of spontaneous fetal deaths are not routinely exchanged between states, consequently no information of fetal deaths to Colorado residents occurring outside of Colorado is available. Fetal deaths occurring in the state numbered 471, 14 of which were to non-residents.

Table 19 details fetal deaths of 20 weeks gestational age and over by race and Spanish origin of the fetus, gestational age of the fetus and age of the mother. Women under age 20 account for 14.9% of the cases, while women over age 35 account for 7.2%.

Male fetuses accounted for 246 (52.2%) of the 471 occurrences in 1981, while females totalled 204 (43.3%) and cases of indeterminate gender totalled 21 (4.5%). Of the total 471 occurrences, 222 (47.1%) occurred to women reporting no previous live births. This information was not provided for an additional 64 (13.6%) cases, however. Of the total, 298 (63.3%) reported no previous spontaneous fetal deaths, 87 (18.5%) reported one, and 31 (6.6%) reported 2 or more. The balance of 55 (11.7%) did not provide this information.

Congenital malformations were reported as the cause of death in 22 (4.7%) of the 471 occurrences. The rest were attributed to conditions originating in the perinatal period.

Table 19. FETAL DEATHS (≥ 20 Weeks Gestation) BY AGE OF MOTHER, LENGTH OF GESTATION, AND RACE AND SPANISH ORIGIN OF FETUS - Colorado Occurrence, 1981

RACE AND SPANISH ORIGIN OF FETUS	TOTAL	AGE OF MOTHER (Years)							
		15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Not Stated
TOTAL	471	-	70	138	148	76	29	5	-	5
White	412	-	59	120	130	66	28	4	-	5
Anglo White	357	-	48	102	115	60	26	3	-	3
Spanish Surname	55	-	11	18	15	6	2	1	-	2
Non-White	59	-	11	18	18	10	1	1	-	-
Black	29	-	8	7	8	5	1	-	-	-
Indian	4	-	1	1	2	-	-	-	-	-
Other	26	-	2	10	8	5	-	1	-	-
SPANISH ORIGIN	48	-	12	17	10	5	1	1	-	2
NON-SPANISH ORIGIN	423	-	58	121	138	71	28	4	-	3
LENGTH OF GESTATION										
TOTAL	471	-	70	138	148	76	29	5	-	5
20-27 Weeks	109	-	12	38	30	21	7	1	-	-
28-35 Weeks	92	-	13	30	31	13	5	-	-	-
36-39 Weeks	88	-	16	20	33	13	5	1	-	-
40 Weeks & Over	84	-	8	23	28	15	6	1	-	3
Unknown	98	-	21	27	26	14	6	2	-	2

Section 4
INDUCED ABORTIONS

A total of 17,240 induced abortions were performed in Colorado, 1,302 (7.6%) of which were performed for non-residents. Because records of induced abortions are not routinely exchanged between states no figures are available for Colorado residents obtaining induced abortions outside of Colorado.

Table 20 presents the patient's age, race and Spanish origin for women obtaining induced abortions in Colorado in 1981. Women under age 20 account for 25.5% of the total. Pregnancies were reported to be illegitimate in 11,052 (64.1%) of the cases, while those legitimate number 3,047 (17.7%). This information was not provided for the remainder. Among women under age 20, 3,900 (88.8%) were reported as illegitimate. Of the total, 10,307 (59.8%) reported no previous abortions and another 2,430 (14.1%) did not provide the information. Table 21 presents induced abortions by type of procedure and length of gestation. Abortions performed in the first twelve weeks of pregnancy account for 76.1% of the total.

Table 20. INDUCED ABORTIONS BY AGE OF PATIENT, RACE AND SPANISH ORIGIN OF PATIENT - Colorado Occurrence, 1981

RACE AND SPANISH ORIGIN OF PATIENT	TOTAL	AGE OF PATIENT (Years)								
		<15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Not Stated
TOTAL	17,240	111	4,283	5,589	2,942	1,445	512	151	16	2,191
White	9,551	61	2,701	3,482	1,879	945	336	97	9	41
Anglo-White	8,387	51	2,333	3,029	1,683	857	307	84	7	36
Spanish Surname	1,164	10	368	453	196	88	29	13	2	5
Non-White	1,026	15	289	368	204	95	41	11	1	2
Black	677	15	189	271	127	49	19	4	1	2
Indian	152	-	61	44	28	12	4	3	-	-
Other	197	-	39	53	49	34	18	4	-	-
Not Stated	6,663	35	1,293	1,739	859	405	135	43	6	2,148
NON-SPANISH ORIGIN	4,513	35	1,171	1,611	947	478	189	54	2	26
SPANISH ORIGIN	1,103	11	345	429	186	79	33	11	1	8
ORIGIN NOT STATED	11,624	65	2,767	3,549	1,809	888	290	86	13	2,157

Table 21. INDUCED ABORTIONS BY TYPE OF PROCEDURE AND LENGTH OF GESTATION - Colorado Occurrence, 1981

TYPE OF PROCEDURE	TOTAL	LENGTH OF GESTATION (Weeks)						
		<8	9-10	11-12	13-15	16-20	21-27	Not Stated
TOTAL	17,240	6,132	4,855	2,133	914	851	120	2,235
Suction Curettage	14,049	6,043	4,798	2,081	800	222	12	93
Sharp Curettage	125	50	28	15	7	17	1	7
Intra-Uterine Saline Instillation	76	5	3	3	6	54	5	-
Intra-Uterine Prostaglandin	640	9	13	27	73	466	38	14
Hysterotomy	3	-	1	-	-	-	2	-
Hysterectomy	11	5	3	1	2	-	-	-
Other	195	8	3	4	26	92	62	-
Not Stated	2,141	12	6	2	-	-	-	2,121

Section 5
INFANT DEATHS

The 1981 Colorado infant death rate was 9.9 resident infant deaths per 1,000 live births, compared to 10.1 in 1980 and 20.0 in 1970. The Colorado infant death rate was lower than the U.S. rate (11.7), despite a higher rate of low birthweight births (8.2% vs. 6.8% in 1980). Of the 517 resident infant deaths in 1981, 337 (65.2%) died in the first 28 days of life (Neonatal Death), 282 (54.5%) died in the first seven days (Hebdomadal Death), and 188 (36.4%) died in the first day of life. Male infant deaths totalled 54.5% of the resident total.

Tables 22 and 23 present data obtained from the birth certificates for infant deaths occurring in Colorado in 1981. Of the 560 occurrence deaths, 280 (50.0%) had been low birthweight births (5 pounds 8 ounces or less). By comparison, 8.1% of the live births occurring in Colorado in 1981 were of low birthweight. Caution should be exercised in comparing these data with those for live births since most birth data are based on residence rather than occurrence, and since an infant dying in 1981 could have been born in either 1981 or in 1980. Also the circumstances under which the data are recorded are obviously different. Congenital malformations were reported at birth for 90 (16.1%) of the 560 infant death occurrences in 1981, although, they were cited as the cause of death for 132 (23.6%) of this total. Many anomalies cited at birth may not be life threatening, while other malformations may not be evident at birth: 9 anomalies of the heart and circulatory system were cited at birth among the 560 occurrences, while such conditions were cited as the cause of death in 48 occurrences. Tables 24 and 25 present resident infant deaths for 1981, and reveal congenital malformations as the cause of death in 123 (23.8%) of the resident infant deaths.

Table 22. INFANT DEATHS BY TRIMESTER IN WHICH PRENATAL CARE BEGAN AND AGE OF MOTHER AT BIRTH - Colorado Occurrence, 1981

TRIMESTER IN WHICH PRENATAL CARE BEGAN	TOTAL	AGE OF MOTHER (Years)							
		15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Not Stated
TOTAL	560	1	94	175	138	66	14	7	-	65
First Trimester (1st - 3rd Month)	349	-	52	119	115	50	10	3	-	-
Second Trimester (4th - 6th Month)	97	1	25	36	16	11	4	4	-	-
Third Trimester (7th - 9th Month)	17	-	8	7	1	1	-	-	-	-
Not Stated	97	-	9	13	6	4	-	-	-	65

Table 23. INFANT DEATHS BY BIRTHWEIGHT - Colorado Occurrence, 1981

	TOTAL	BIRTHWEIGHT (Pounds)									Low Birth Weight*
		1	1	2	3	4	5	6	7	8+	Not Stated	
NO.	560	22	107	64	39	31	50	76	64	32	75	280
%	100.0	3.9	19.1	11.4	7.0	5.5	8.9	13.6	11.4	5.7	13.4	50.0

*Low birthweights is defined as 5 1/2 pounds (250 grams) or less.

Table 24. INFANT DEATHS FROM LEADING CAUSES BY AGE - Colorado Residents, 1981

CAUSE OF DEATH	INFANT DEATHS		NEONATAL DEATHS		HEBDOMADAL DEATHS		DEATH IN FIRST DAY	
	No.	%	No.	%	No.	%	No.	%
TOTAL	517	100.0	337	100.0	282	100.0	188	100.0
CONGENITAL MALFORMATIONS (740-759)	123	23.8	100	29.7	86	30.5	49	26.1
CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	222	42.9	214	63.5	189	67.0	136	72.3
Hypoxia and Birth Asphyxia (768)	25	4.8	23	6.8	20	7.1	10	5.3
Hyaline Membrane & R. D. S. (769)	32	6.2	32	9.5	26	9.2	11	5.9
Other Respiratory Conditions (770)	58	11.2	54	16.0	46	16.3	30	16.0
Birth Trauma (767)	6	1.2	6	1.8	4	1.4	2	1.1
Immaturity Unqualified (765)	28	5.4	28	8.3	28	9.9	28	14.9
Other Conditions	73	14.1	71	21.1	65	23.0	55	29.3
SUDDEN INFANT DEATH (798)	73	14.1	4	1.2	-	-	-	-
PNEUMONIA (480-486)	11	2.1	1	0.3	1	0.4	-	-
ACCIDENTS (E800-E949)	9	1.7	1	0.3	-	-	-	-
ALL OTHER CAUSES	79	15.3	17	5.0	6	2.1	3	1.6

NOTE: Numbers listed after causes are from "International Classification of Diseases" 9th Revision.

Table 25. INFANT DEATHS BY RACE, SPANISH ORIGIN AND SEX- Colorado Residents, 1981

RACE, SPANISH ORIGIN AND SEX OF INFANT	INFANT DEATHS		NEONATAL DEATHS		HEBDOMADAL DEATHS		DEATH IN FIRST DAY	
	No.	%	No.	%	No.	%	No.	%
TOTAL	517	100.0	337	100.0	282	100.0	188	100.0
White	478	92.5	308	91.4	255	90.4	168	89.4
Angle-White	415	80.3	265	78.6	224	79.4	147	78.2
Spanish Surname	63	12.2	43	12.8	31	11.0	21	11.2
Non-White	39	7.5	29	8.6	27	9.6	20	10.6
Black	29	5.6	23	6.8	21	7.4	17	9.0
Indian	7	1.4	4	1.2	4	1.4	1	0.5
Other	3	0.6	2	0.6	2	0.7	2	1.1
NON-SPANISH ORIGIN	451	87.2	298	88.4	253	89.7	169	89.9
SPANISH ORIGIN	66	12.8	39	11.6	29	10.3	19	10.1
MALES	282	54.5	192	57.0	163	57.8	109	58.0
FEMALES	235	45.5	145	43.0	119	42.2	79	42.0
INDETERMINATE GENDER	-	-	-	-	-	-	-	-

Section 6
MORTALITY

In 1981, 20,039 deaths occurred in Colorado, including 1,220 non-resident deaths. Deaths to Colorado residents totalled 19,360, of which 541 occurred out of state. This year's resident total is the highest to date. The number of deaths has not increased as rapidly as the state's population, resulting in an overall death rate of 6.5 per 1,000 population, unchanged from 1980. The current death rate is 17.7% lower than the 1970 rate of 7.9 per 1,000 population.

Since records have been kept, the Colorado death rate has been consistently lower than the national rate, due in large part to a younger population. This is indicated by the fact that death rates from chronic diseases are relatively low for Colorado. Table 26 presents the ten leading causes of death and their respective rates per 100,000 population in 1981 for Colorado and for the United States. One of the ten leading causes for which the rate in Colorado is consistently higher than for the nation is suicide. The rate for 1981 in Colorado was 47.2% higher than that of the nation's - 18.1 deaths per 100,000 population compared to 12.3 nationally. Colorado's rate of death from accidents has also been generally higher than the national rate. Homicide is among Colorado's ten leading causes of death for the first time, even though Colorado's rate of homicide death has historically been lower than the rate for the U.S.

Deaths are classified and tabulated by the underlying cause of death, defined as the condition giving rise to the chain of events leading to death. It should be recognized that this practice tends to minimize the relative impact of some chronic diseases. Table 27 presents Colorado's ten leading causes in 1981 as both underlying cause and as contributing cause. The number of times each category had been mentioned on a death certificate is tabulated. Because several conditions may contribute to an underlying cause, contributing causes are not exclusive of each other.

Table 26. LEADING CAUSES OF DEATH AND DEATH RATES FOR COLORADO RESIDENTS AND UNITED STATES - 1981

CAUSE OF DEATH	COLORADO			UNITED STATES (PROVISIONAL)		
	Rank	Number	Rate*	Rank	Number	Rate*
TOTAL		19,360	653.0		1,987,000	866.4
Heart Disease (390-398, 402, 404-429)	1	6,592	222.3	1	758,100	330.6
Cancer (140-208)	2	3,721	125.5	2	422,720	184.3
Accidents (E800-E949)	3	1,414	47.7	4	102,130	44.5
Stroke (430-438)	4	1,380	46.5	3	164,330	71.7
Influenza and Pneumonia (480-487)	5	671	22.6	5	54,420	23.7
Suicide (E950-E959)	6	537	18.1	9	28,100	12.3
Arteriosclerosis (440)	7	354	11.9	8	28,750	12.5
Diabetes (250)	8	278	9.4	6	34,750	15.2
Cirrhosis of the liver (571)	9	268	9.0	7	29,520	12.9
Homicide (E960-E978)	10	242	8.2	10	24,600	10.7

*Rates are per 100,000 population.

NOTE: Numbers listed after causes are from "International Classification of Diseases" 9th Revision.

Several conditions are shown to have greater impact upon mortality than their tabulation as underlying cause suggests. Diabetes was identified as the underlying cause of death in 278 cases (1.4%) but was mentioned in a total of 994 (5.1%). Arteriosclerosis was mentioned in 1,654 (8.5%) resident deaths in 1981, only 354 (1.8%) for which this condition was determined the underlying cause.

Table 28 presents the number of aggregated causes represented on the cause of death portion of Death Certificates (See Appendix E) by age of decedent. Since for purposes of general statistics detailed medical conditions are aggregated into 22 general classifications (including the leading causes presented here), the number of causes shown represents the number of non-redundant general classifications, not the actual number of medical conditions recorded on the certificate. This table shows the elderly more prone to chronic diseases that may involve a complex of related conditions. A third of the deaths (33.2%) to persons of age 65 and over involved at least three general conditions, compared to 21.5% of deaths to persons age 45-64 and 13.7% of the deaths to persons age 25-44.

Table 27. LEADING CAUSES OF DEATH - UNDERLYING CAUSE BY TOTAL MENTIONS - Colorado Residents, 1981

		NUMBER OF DEATHS IN WHICH MENTIONED										
UNDERLYING CAUSE	TOTAL	Heart Dis.	Cancer	Accidents	Strk.	Inf. & Pneu.	Suicide	Arterio-scler.	Diabetes	Cirr. of Liver	Homicide	All Other
TOTAL	19,360	10,205	4,310	2,128	2,267	1,960	539	1,654	994	405	245	12,839
Heart Dis.	6,592	6,592	283	191	502	342	-	675	406	31	2	2,925
Cancer	3,721	784	3,721	120	83	288	-	48	80	14	-	3,721
Accidents	1,414	228	11	1,414	16	16	1	11	10	14	-	389
Stroke	1,380	394	53	63	1,380	171	-	307	71	6	-	703
Influenza & Pneumonia	671	253	48	15	66	671	1	32	22	10	-	450
Suicide	537	61	2	1	1	2	537	2	-	5	-	93
Arterio-sclerosis	354	178	13	9	-	30	-	354	17	1	-	191
Diabetes	278	162	8	10	45	17	-	40	278	5	-	180
Cirrhosis of the Liver	268	61	8	13	2	15	-	4	4	268	-	231
Homicide	242	20	-	1	1	-	-	-	-	-	242	53
All Other	3,903	1,472	163	291	171	408	-	181	106	51	1	3,903

Table 28. TOTAL NUMBER OF CAUSES OF DEATH BY AGE - Colorado Residents, 1981

NUMBER OF CAUSES	TOTAL	AGE GROUP (Years)											
		< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
TOTAL	19,360	517	99	50	79	237	409	762	688	1,291	2,627	3,987	4,702	3,912
1	7,089	306	35	24	40	168	283	476	333	631	1,134	1,386	1,330	943
2	6,899	158	39	17	25	51	95	205	237	423	888	1,423	1,763	1,575
3	3,948	42	17	6	10	14	26	60	97	189	441	828	1,186	1,032
4	1,191	11	6	3	3	4	5	19	20	39	131	291	350	309
5 +	233	-	2	-	1	-	-	2	1	9	33	59	73	53

Table 29. LEADING CAUSES OF DEATH BY SEX - Selected Age Groups - Colorado Residents, 1981

AGE GROUP	CAUSE OF DEATH	TOTAL			MALE			FEMALE		
		Rank	Number	%	Rank	Number	%	Rank	Number	%
ALL AGES	TOTAL		19,360	100.0		10,444	100.0		8,916	100.
	Heart Disease	1	6,592	34.0	1	3,517	33.7	1	3,075	34.
	Cancer	2	3,721	19.2	2	1,978	18.9	2	1,743	19.
	Accidents	3	1,414	7.3	3	1,009	9.7	4	405	4.
	Stroke	4	1,380	7.1	4	515	4.9	3	865	9.
	All Other		6,253	32.3		3,425	32.8		2,828	31.
1-14	TOTAL*		228	100.0		131	100.0		97	100.
	Accidents	1	101	44.3	1	67	51.1	1	34	35.
	Cancer	2	25	11.0	2	18	13.7	3	7	7.
	Congenital Anomalies	3	18	7.9	3	5	3.8	2	13	13.
	Homicide	4	11	4.8		4	3.1	3	7	7.
	Heart Disease		8	3.5	3	5	3.8		3	3.
	All Other		65	28.5		32	24.4		33	34.
15-24	TOTAL		646	100.0		461	100.0		185	100.
	Accidents	1	353	54.6	1	266	57.7	1	87	47.
	Suicide	2	102	15.8	2	77	16.7	2	25	13.
	Homicide	3	62	9.6	3	42	9.1	3	20	10.
	Cancer	4	36	5.6	4	24	5.2	4	12	6.
	All Other		93	14.4		52	11.3		41	22.
25-44	TOTAL		1,450	100.0		992	100.0		458	100.
	Accidents	1	480	33.1	1	382	38.5	1	98	21.
	Suicide	2	233	16.1	2	176	17.7	3	57	12.
	Cancer	3	187	12.9	3	95	9.6	2	92	20.
	Heart Disease	4	127	8.8		85	8.6	4	42	9.
	Homicide		119	8.2	4	86	8.7		33	7.
	All Other		304	21.0		168	16.9		136	29.
45-64	TOTAL		3,918	100.0		2,402	100.0		1,516	100.
	Heart Disease	1	1,297	33.1	1	937	39.0	2	360	23.
	Cancer	2	1,203	30.7	2	617	25.7	1	586	38.
	Accidents	3	204	5.2	3	145	6.0		59	3.
	Stroke	4	149	3.8		71	3.0	3	78	5.
	Cirrhosis of the Liver	4	149	3.8	4	89	3.7	4	60	4.
	All Other		916	23.4		543	22.6		373	24.
65-74	TOTAL		3,987	100.0		2,419	100.0		1,568	100.
	Heart Disease	1	1,459	36.6	1	908	37.5	1	551	35.
	Cancer	2	1,055	26.5	2	611	25.3	2	444	28.
	Stroke	3	231	5.8	3	125	5.2	3	106	6.
	Accidents	4	91	2.3	4	55	2.3	4	36	2.
	All Other		1,151	28.9		720	29.8		431	27.
75+	TOTAL		8,614	100.0		3,757	100.0		4,857	100.
	Heart Disease	1	3,673	42.6	1	1,571	41.8	1	2,102	43.
	Cancer	2	1,214	14.1	2	612	16.3	3	602	12.
	Stroke	3	965	11.2	3	301	8.0	2	664	13.
	Influenza & Pneumonia	4	478	5.5	4	201	5.4	4	277	5.
	All Other		2,284	26.5		1,072	28.5		1,212	25.

* Excludes infant deaths.

Figure 4. LEADING CAUSES OF DEATH - Selected Age Groups - Colorado Residents, 1981

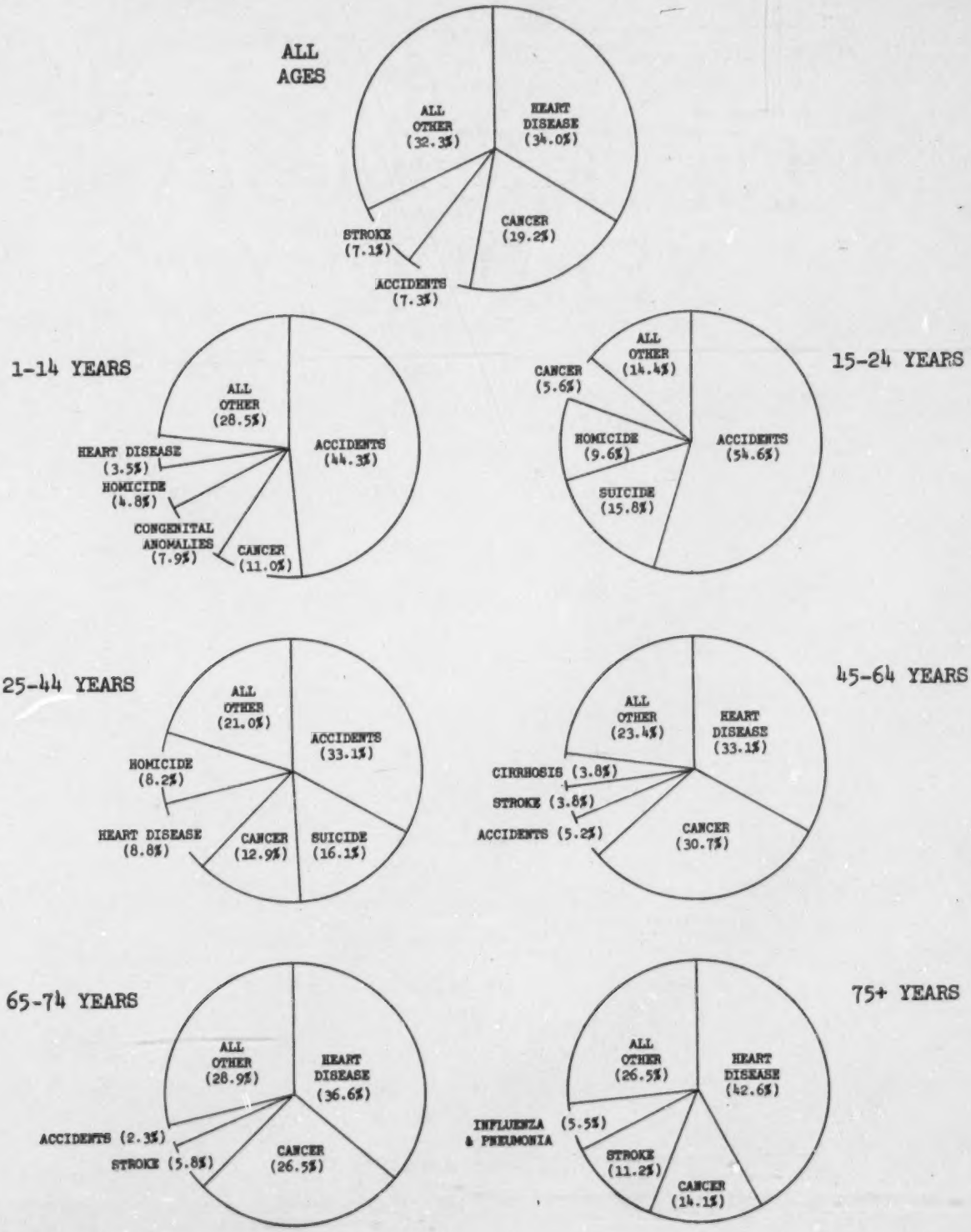


Table 30. DEATHS AND DEATH RATES FROM LEADING CAUSES - Colorado Residents, Selected Years, 1940 - 1981

CAUSE OF DEATH		RANK ORDER OF TOP TEN CAUSES BY SELECTED YEARS											
		1981		1980		1979		1978		1977		1976	
TOTAL	No.		19,360		18,927		18,408		18,325		17,875		17,966
	Rate*		633.0		654.9		645.7		662.5		668.0		686.2
Heart Disease	No.	(1)	6,592	(1)	6,411	(1)	6,287	(1)	6,166	(1)	6,098	(1)	6,077
	Rate		222.3		221.8		220.5		222.9		227.9		232.1
Cancer	No.	(2)	3,721	(2)	3,633	(2)	3,597	(2)	3,438	(2)	3,346	(2)	3,163
	Rate		125.5		125.7		126.2		124.3		125.0		120.8
Accidents	No.	(3)	1,414	(4)	1,383	(4)	1,381	(4)	1,385	(4)	1,344	(4)	1,346
	Rate		47.7		47.9		48.5		50.1		50.2		51.4
Stroke	No.	(4)	1,380	(3)	1,386	(3)	1,425	(3)	1,401	(3)	1,460	(3)	1,562
	Rate		46.5		48.0		50.0		50.7		54.6		59.7
Influenza & Pneumonia	No.	(5)	671	(5)	651	(5)	608	(5)	660	(5)	627	(5)	930
	Rate		22.6		22.5		21.3		23.9		23.4		35.5
Suicide	No.	(6)	537	(6)	468	(6)	510	(6)	495	(6)	533	(6)	460
	Rate		18.1		16.2		17.9		17.9		19.9		17.6
Arterio-sclerosis	No.	(7)	354	(7)	334	(7)	391	(8)	334	(8)	342	(7)	330
	Rate		11.9		11.6		13.7		12.1		12.8		12.6
Diabetes	No.	(8)	278	(9)	276	(8)	274	(9)	290	(10)	255		278
	Rate		9.4		9.6		9.6		10.5		9.5		10.6
Cirrhosis of the Liver	No.	(9)	268	(8)	284	(9)	247	(10)	269	(9)	277	(8)	315
	Rate		9.0		9.8		8.7		9.7		10.4		12.0
Homicide	No.	(10)	242		197		168		202		168		182
	Rate		8.2		6.8		5.9		7.3		6.3		7.0
Perinatal Period Conditions	No.		225	(10)	229	(10)	216		154		211		251
	Rate		7.6		7.9		7.6		5.6		7.9		9.6
Emphysema	No.		183		178		179		213		212	(10)	288
	Rate		6.2		6.2		6.3		7.7		7.9		11.0
Other Disease of Circulatory System**	No.		210		214		172	(7)	384	(7)	356	(9)	294
	Rate		7.1		7.4		6.0		13.9		13.3		11.2
Congenital Malformations	No.		180		170		162		167		191		182
	Rate		6.1		5.9		5.7		6.0		7.1		7.0
Nephritis and Nephrosis	No.		163		129		143		65		67		54
	Rate		5.5		4.5		5.0		2.3		2.5		2.1
Tuberculosis	No.		8		13		14		25		21		23
	Rate		0.3		0.4		0.5		0.9		0.8		0.9
Other Causes	No.		2,934		2,971		2,634		2,677		2,367		2,231

*All cause of death rates are per 100,000 population.
**Excludes diseases of veins and lymphatics.
NOTE: The ICD Codes (5th Through 9th Revision) included in each of the causes of death for the years shown are listed in Appendix B. "( )" indicates rank order of ten leading causes for each year. The increase in the number of nephritis and nephrosis deaths is due to the revision of the ICD Code from the Eigth to the Ninth Revision effective January 1, 1979.

Table 30. Continued

CAUSE OF DEATH		RANK ORDER OF TOP TEN CAUSES BY SELECTED YEARS									
		1975		1970		1960		1950		1940	
TOTAL	No.		17,401		17,439		15,351		12,222		12,181
	Rate*		675.2		790.1		875.2		922.4		1,084.4
Heart Disease	No.	(1)	5,935	(1)	6,059	(1)	5,278	(1)	4,186	(1)	2,933
	Rate		230.3		274.5		300.9		315.9		261.1
Cancer	No.	(2)	3,123	(2)	2,683	(2)	2,209	(2)	1,700	(2)	1,304
	Rate		121.2		121.6		126.9		128.3		116.1
Accidents	No.	(4)	1,300	(4)	1,280	(4)	1,077	(4)	934	(3)	1,017
	Rate		50.4		60.0		61.4		70.7		90.5
Stroke	No.	(3)	1,585	(3)	1,769	(3)	1,601	(3)	1,156	(5)	977
	Rate		61.5		80.1		91.3		87.2		87.0
Influenza & Pneumonia	No.	(5)	659	(5)	727	(5)	860	(6)	638	(4)	1,005
	Rate		25.6		32.9		49.0		48.1		89.5
Suicide	No.	(6)	461	(7)	402	(8)	230	(9)	200	(10)	220
	Rate		17.9		18.2		13.1		15.1		19.6
Arterio-sclerosis	No.	(8)	330	(8)	373	(7)	398	(7)	254	(9)	261
	Rate		12.8		16.9		22.7		19.2		23.2
Diabetes	No.	(9)	314		279		184		145		201
	Rate.		12.2		12.6		10.5		10.9		17.9
Cirrhosis of the Liver	No.	(7)	344	(10)	313		170		111		78
	Rate		13.3		14.2		9.7		8.4		6.9
Homicide	No.		208		147		69		44		52
	Rate		8.1		6.7		3.9		3.3		4.6
Perinatal Per-iod Conditions	No.		275	(6)	461	(6)	802	(5)	654	(7)	577
	Rate		10.7		20.9		45.7		49.4		51.4
Emphysema	No.		254	(9)	372		193		12		4
	Rate		9.9		16.9		11.0		0.9		0.4
Other Diseases of Circulatory System**	No.	(10)	307		298	(10)	219		124		64
	Rate		11.9		13.5		12.5		9.4		5.7
Congenital Malformations	No.		157		215	(9)	227		176		127
	Rate		6.1		9.7		12.9		13.3		11.3
Nephritis and Nephrosis	No.		59		67		112	(10)	190	(6)	788
	Rate		2.3		3.0		6.4		14.3		70.2
Tuberculosis	No.		31		34		76	(8)	208	(8)	457
	Rate		1.2		1.5		4.3		15.7		40.7
Other Causes	No.		2,059		1,960		1,646		1,487		2,116

It should be noted that emphysema, which was the ninth leading cause of death in 1970, is no longer among the top ten causes of death. Emphysema caused 372 deaths in 1970, compared to 183 in 1981. The four leading causes of death - heart disease, cancer (malignant neoplasms), stroke (cerebral vascular disease) and accidents accounted for 13,107 or 67.7% of the total resident deaths in 1981. Among the 6,592 deaths from heart disease, ischemic heart disease accounted for 4,657, of which 2,482 were acute myocardial infarctions. The 3,721 cancer deaths include 940 cancers of the digestive organs and peritoneum, 910 of respiratory and intrathoracic organs, 488 of genital organs, and 210 of lymphatic and hematopoietic tissues. Breast cancer totaled 313 resident deaths in 1981, and leukemia totalled 172. Among the 1,414 accidental deaths in 1981, 765 were motor vehicle accidents (see Table 35).

Age specific mortality rates are presented in Table 31 for Colorado resident deaths in 1980 and in 1970. Decreases in rate of death are shown for every age group.

Tables 33 and 34 present 1981 resident deaths by race and Spanish origin. While non-whites revealed a lower overall rate of death in 1981 than whites (4.5 deaths per 1,000 population versus 6.6), the median age at death for non-white Colorado residents in 1980 was 60.9 years, compared to 72.5 years for whites. Different racial and ethnic groups appear susceptible to different causes of death, as well. Diabetes accounted for 1.4% of all resident deaths in 1981, however it accounted for 2.3% of deaths to persons reportedly of Spanish origin.

Reported cases (morbidity) and resulting deaths (mortality) for selected notifiable diseases are presented on Table 36. Reported cases of tuberculosis dropped from 565 in 1940 to 121 in 1981, and deaths attributed to this disease dropped from 457 to 8 in this same period. In 1940 tuberculosis was the eighth leading cause of death in Colorado. Reported cases of influenza and streptococcal infections have shown very large increases since 1940, however, this may in part be due to changes in the practice of reporting the illness.

Table 31. AGE-SPECIFIC MORTALITY RATES - Colorado Residents, 1980 and 1970

AGE GROUP	1980			1970		
	Deaths	Persons	Rate*	Deaths	Persons	Rate*
TOTAL	18,927	2,889,964	654.9	17,439	2,209,596	789.2
1 - 4	95	168,461	56.4	131	147,494	88.8
5 - 9	55	213,135	25.8	92	224,441	41.0
10 - 14	60	226,147	26.5	94	233,959	40.2
15 - 19	247	268,588	92.0	249	217,665	114.5
20 - 24	362	302,606	119.6	272	204,652	132.9
25 - 34	680	569,545	119.4	438	291,549	150.2
35 - 44	662	346,953	190.8	719	255,951	280.9
45 - 54	1,285	270,860	474.4	1,412	234,475	602.2
55 - 64	2,598	228,310	1,137.9	2,520	172,317	1,462.4
65 - 74	3,957	148,666	2,661.7	3,445	111,517	3,089.2
75 - 84	4,622	74,296	6,221.1	4,558	60,242	7,566.1
85+	3,804	24,363	15,613.8	2,678	16,254	16,475.9

*Rates are per 100,000 persons in each age group.
NOTE: Infant deaths are not included in the 1-4 year old age group.

Table 32. DEATHS FROM LEADING CAUSES BY AGE AND SEX - Colorado Residents, 1981

CAUSE OF DEATH	SEX	TOTAL	AGE GROUP (Years)												
			<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
TOTAL	T	19,360	517	99	50	79	237	409	762	688	1,291	2,627	3,987	4,702	3,912
	M	10,444	282	61	28	42	152	309	563	429	767	1,635	2,419	2,385	1,372
	F	8,916	235	38	22	37	85	100	199	259	524	992	1,568	2,317	2,540
Heart Disease	T	6,592	12	5	3	-	6	10	30	97	391	906	1,459	1,949	1,724
	M	3,517	3	4	1	-	3	5	20	65	296	641	908	995	576
	F	3,075	9	1	2	-	3	5	10	32	95	265	551	954	1,148
Cancer	T	3,721	1	10	5	10	19	17	61	126	375	828	1,055	815	399
	M	1,978	1	8	4	6	14	10	35	60	165	452	611	433	179
	F	1,743	-	2	1	4	5	7	26	66	210	376	444	382	220
Accidents	T	1,414	9	38	28	35	122	231	324	156	114	90	91	95	81
	M	1,009	7	25	19	23	81	185	264	118	84	61	55	52	35
	F	405	2	13	9	12	41	46	60	38	30	29	36	43	46
Stroke	T	1,380	1	2	1	-	3	5	9	14	56	93	231	453	512
	M	515	1	1	-	-	1	2	6	7	27	44	125	156	145
	F	865	-	1	1	-	2	3	3	7	29	49	106	297	367
Influenza & Pneumonia	T	671	12	4	-	1	1	2	11	9	21	45	87	193	285
	M	326	7	4	-	-	1	2	8	5	14	25	59	105	96
	F	345	5	-	-	1	-	-	3	4	7	20	28	88	189
Suicide	T	537	-	-	-	3	34	68	142	91	67	61	41	24	6
	M	400	-	-	-	1	22	55	114	62	40	47	34	19	6
	F	137	-	-	-	2	12	13	28	29	27	14	7	5	-
Arteriosclerosis	T	354	-	-	-	-	-	-	-	-	5	8	36	101	204
	M	141	-	-	-	-	-	-	-	-	4	8	20	53	56
	F	213	-	-	-	-	-	-	-	-	1	-	16	48	148
Diabetes	T	278	1	-	-	-	-	3	10	14	17	37	77	76	43
	M	106	1	-	-	-	-	2	4	8	4	21	31	24	11
	F	172	-	-	-	-	-	1	6	6	13	16	46	52	32
Cirrhosis of the Liver	T	268	-	-	-	-	-	1	14	38	61	88	48	12	6
	M	153	-	-	-	-	-	1	8	26	34	55	23	4	2
	F	115	-	-	-	-	-	-	6	12	27	33	25	8	4
Homicide	T	242	5	4	2	5	22	40	79	40	21	13	6	4	1
	M	167	3	2	-	2	12	30	58	28	14	10	6	2	-
	F	75	2	2	2	3	10	10	21	12	7	3	-	2	1
Other	T	3,903	476	36	11	25	30	32	82	103	163	458	856	980	651
	M	2,132	259	17	4	10	18	17	46	50	85	271	547	542	266
	F	1,771	217	19	7	15	12	15	36	53	78	187	309	438	385

MEAN AGE AT DEATH: TOTAL = 66.6 Years MALES = 63.2 FEMALES = 70.6

MEDIAN AGE AT DEATH: TOTAL = 72.1 Years MALES = 68.8 FEMALES = 76.5

NOTE: The "ICD-9" Code included in each of the causes of death are listed in Appendix "B".

Figure 5. DEATHS BY AGE, SELECTED CAUSE AND SEX - Colorado Residents, 1981

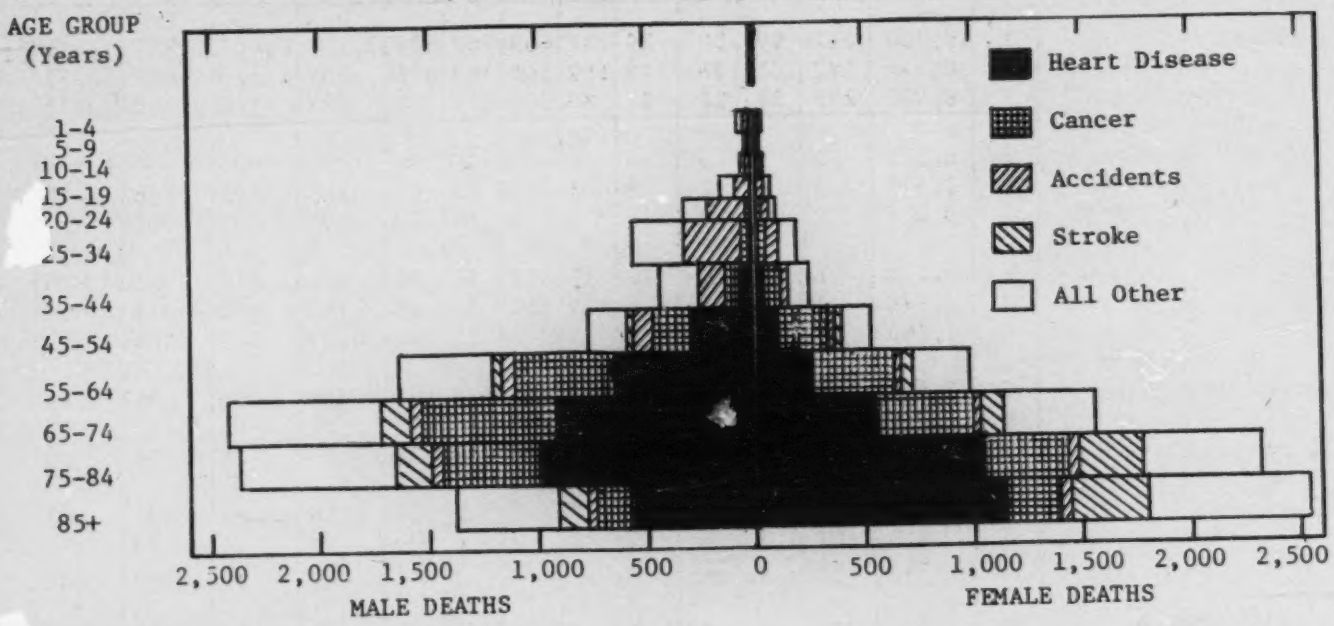


Table 33. DEATHS FROM LEADING CAUSES BY RACE AND SPANISH ORIGIN - Colorado Residents, 1981

CAUSE OF DEATH	TOTAL	WHITE			NON-WHITE				NON-SPANISH ORIGIN	SPANISH ORIGIN
		Total	Anglo White	Spanish Surname	Total	Black	Indian	Other		
TOTAL	19,360	18,645	17,220	1,425	715	582	68	65	18,150	1,210
Heart Disease	6,592	6,413	6,028	385	179	150	16	13	6,292	300
Cancer	3,721	3,573	3,353	220	148	132	1	15	3,524	197
Accidents	1,414	1,359	1,195	164	55	31	11	13	1,338	76
Stroke	1,380	1,339	1,245	94	41	33	2	6	1,232	148
Influenza & Pneumonia	671	648	590	58	23	19	2	2	619	52
Suicide	537	524	485	39	13	7	4	2	500	37
Arteriosclerosis	354	341	319	22	13	11	-	2	335	19
Diabetes	278	258	224	34	20	17	1	2	250	28
Cirrhosis of the Liver	268	242	194	48	26	18	8	-	225	43
Homicide	242	204	145	59	38	33	5	-	188	54
All Other	3,903	3,744	3,442	302	159	131	18	10	3,647	256

NOTE: The "ICD-9" Code included in each of the causes of death are listed in Appendix B.

Table 34. DEATHS BY RACE, SPANISH ORIGIN AND AGE - Colorado Residents, 1981

RACE AND SPANISH ORIGIN	SEX	TOTAL	AGE GROUP (Years)												
			<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
TOTAL	T	19,360	517	99	50	79	237	409	762	688	1,291	2,627	3,987	4,702	3,912
	M	10,444	282	61	28	42	152	309	563	429	767	1,635	2,419	2,385	1,372
	F	8,916	235	38	22	37	85	100	199	259	524	992	1,568	2,317	2,540
WHITE	T	18,645	478	96	47	75	226	383	706	633	1,203	2,512	3,857	4,605	3,824
	M	10,025	260	60	26	40	146	292	524	402	710	1,560	2,335	2,331	1,339
	F	8,620	218	36	21	35	80	91	182	231	493	952	1,522	2,274	2,485
Anglo White	T	17,220	415	84	38	64	198	328	611	541	1,081	2,327	3,614	4,301	3,618
	M	9,145	228	54	22	36	125	247	448	342	625	1,449	2,188	2,147	1,234
	F	8,075	187	30	16	28	73	81	163	199	456	878	1,426	2,154	2,384
Spanish Surname	T	1,425	63	12	9	11	28	55	95	92	122	185	243	304	206
	M	880	32	6	4	4	21	45	76	60	85	111	147	184	105
	F	545	31	6	5	7	7	10	19	32	37	74	96	120	101
NON-WHITE	T	715	39	3	3	4	11	26	56	55	88	115	130	97	88
	M	419	22	1	2	2	6	17	39	27	57	75	84	54	33
	F	296	17	2	1	2	5	9	17	28	31	40	46	43	55
Black	T	582	29	3	1	1	7	19	42	46	73	100	111	80	70
	M	345	16	1	-	-	3	14	33	25	49	67	69	44	24
	F	237	13	2	1	1	4	5	9	21	24	33	42	36	46
Indian	T	68	7	-	1	1	3	6	9	6	10	9	5	6	5
	M	32	4	-	1	-	3	2	4	-	3	5	3	4	3
	F	36	3	-	-	1	-	4	5	6	7	4	2	2	2
Other	T	65	3	-	1	2	1	1	5	3	5	6	14	11	13
	M	42	2	-	1	2	-	1	2	2	5	3	12	6	6
	F	23	1	-	-	-	1	-	3	1	-	3	2	5	7
NON-SPANISH ORIGIN	T	18,150	451	88	43	68	205	356	673	610	1,185	2,466	3,801	4,449	3,755
	M	9,714	245	56	25	38	133	265	494	380	693	1,546	2,311	2,237	1,291
	F	8,436	206	32	18	30	72	91	179	230	492	920	1,490	2,212	2,464
SPANISH ORIGIN	T	1,210	66	11	7	11	32	53	89	78	106	161	186	253	157
	M	730	37	5	3	4	19	44	69	49	74	89	108	148	81
	F	480	29	6	4	7	13	9	20	29	32	72	78	105	76

Table 35. VIOLENT DEATHS BY AGE AND SEX - Colorado Residents, 1981

CAUSE OF DEATH	SEX	TOTAL	AGE GROUP (Years)												
			<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
TOTAL ACCIDENTS	T	1,414	9	38	28	35	122	231	324	156	114	90	91	95	81
(E800-E949)	M	1,009	7	25	19	23	81	185	264	118	84	61	55	52	35
	F	405	2	13	9	12	41	46	60	38	30	29	36	43	46
Motor-Vehicle	T	765	2	11	10	18	91	167	218	82	54	45	39	20	8
(E810-E825)	M	553	2	7	5	11	59	128	171	57	41	29	19	17	7
	F	212	-	4	5	7	32	39	47	25	13	16	20	3	1
Accidental Falls	T	175	1	3	-	1	4	7	9	7	9	15	18	47	54
(E880-E888)	M	89	1	2	-	-	3	7	8	4	6	9	13	18	18
	F	86	-	1	-	1	1	-	1	3	3	6	5	29	36
Drownings	T	40	-	9	4	1	7	8	5	3	1	-	1	1	-
(E910)	M	35	-	7	3	1	5	8	5	3	1	-	1	1	-
	F	5	-	2	1	-	2	-	-	-	-	-	-	-	-
Fire & Explosion of	T	50	-	4	2	2	2	5	11	5	7	3	5	1	3
Combustible Material	M	28	-	2	2	-	1	4	7	3	3	2	2	0	2
(E890-E899,E923,E924)	F	22	-	2	-	2	1	1	4	2	4	1	3	1	1
Accidental Poisoning	T	53	-	1	1	-	2	6	19	8	4	6	3	3	-
by Solids or Liquids	M	40	-	1	1	-	1	5	16	6	1	4	2	3	-
(E850-E866)	F	13	-	-	-	-	1	1	3	2	3	2	1	-	-
Aircraft Accidents	T	54	-	-	-	-	1	11	13	19	6	3	1	-	-
(E840-E845)	M	48	-	-	-	-	1	9	11	18	6	2	1	-	-
	F	6	-	-	-	-	-	2	2	1	-	1	-	-	-
Accidental Poisoning	T	30	-	-	-	-	4	3	7	7	3	2	3	1	-
(E867-E869)	M	24	-	-	-	-	2	3	7	5	2	2	2	1	-
by Gases & Vapors	F	6	-	-	-	-	2	-	-	2	1	-	1	-	-
Firearms	T	17	-	-	3	2	1	4	5	-	1	1	-	-	-
(E922)	M	12	-	-	2	1	1	3	4	-	-	1	-	-	-
	F	5	-	-	1	1	-	1	1	-	1	-	-	-	-
Electric Current	T	14	-	-	-	-	-	5	6	3	-	-	-	-	-
(E925)	M	14	-	-	-	-	-	5	6	3	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Water Transport	T	10	-	-	-	-	-	2	4	1	2	1	-	-	-
Accidents	M	8	-	-	-	-	-	1	3	1	2	1	-	-	-
(E830-E838)	F	2	-	-	-	-	-	1	1	-	-	-	-	-	-
Railway Accidents	T	11	-	-	-	1	-	-	1	3	2	1	-	2	1
(E800-E807)	M	10	-	-	-	1	-	-	1	3	2	1	-	1	1
	F	1	-	-	-	-	-	-	-	-	-	-	-	1	-

Table 35. Continued

CAUSE OF DEATH	SEX	TOTAL	AGE GROUP (Years)												
			<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
Other Road Vehicle Accidents (E826-E829)	T	2	-	-	-	1	-	-	-	1	-	-	-	-	-
	M	2	-	-	-	1	-	-	-	1	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All Other Accidents	T	193	6	10	8	9	10	13	26	17	25	13	21	20	15
	M	146	4	6	6	8	8	12	25	14	20	10	15	11	7
	F	47	2	4	2	1	2	1	1	3	5	3	6	9	8
SUICIDE (E950-E959)	T	537	-	-	-	3	34	68	142	91	67	61	41	24	6
	M	400	-	-	-	1	22	55	114	62	40	47	34	19	6
	F	137	-	-	-	2	12	13	28	29	27	14	7	5	-
Suicide by Poisoning (E950-E952)	T	128	-	-	-	-	6	12	39	25	26	8	7	5	-
	M	70	-	-	-	-	2	9	25	10	12	5	5	2	-
	F	58	-	-	-	-	4	3	14	15	14	3	2	3	-
Suicide by Firearms and Explosives (E955)	T	324	-	-	-	2	21	43	82	52	39	41	27	13	4
	M	266	-	-	-	-	15	36	71	41	26	35	25	13	4
	F	58	-	-	-	2	6	7	11	11	13	6	2	-	-
All Other Suicides (E953,E954,E956,E959)	T	85	-	-	-	1	7	13	21	14	2	12	7	6	2
	M	64	-	-	-	1	5	10	18	11	2	7	4	4	2
	F	21	-	-	-	-	2	3	3	3	-	5	3	2	-
HOMICIDE (E960-E978)	T	242	5	4	2	5	22	40	79	40	21	13	6	4	1
	M	167	3	2	-	2	12	30	58	28	14	10	6	2	-
	F	75	2	2	2	3	10	10	21	12	7	3	-	2	1
Homicide by Firearms and Explosives (E965)	T	134	-	-	1	3	10	23	51	26	12	6	2	-	-
	M	99	-	-	-	1	7	17	40	17	9	6	2	-	-
	F	35	-	-	1	2	3	6	11	9	3	-	-	-	-
All Other Homicide (E960-E964, E966-E969)	T	108	5	4	1	2	12	17	28	14	9	7	4	4	1
	M	68	3	2	-	1	5	13	18	11	5	4	4	2	-
	F	40	2	2	1	1	7	4	10	3	4	3	-	2	1
UNDETERMINED AS TO ACCIDENT OR PURPOSELY INFLICTED (E980-E989)	T	56	1	1	-	1	2	5	14	10	8	6	3	4	1
	M	32	-	-	-	1	2	4	9	5	5	2	2	2	-
	F	24	1	1	-	-	-	1	5	5	3	4	1	2	1
Undetermined Intent Firearms and Explosives (E985)	T	10	-	-	-	1	1	1	2	4	1	-	-	-	-
	M	8	-	-	-	1	1	1	2	2	1	-	-	-	-
	F	2	-	-	-	-	-	-	-	2	-	-	-	-	-
Undetermined Intent All Other (E980-E984, (E986-E989)	T	46	1	1	-	-	1	4	12	6	7	6	3	4	1
	M	24	-	-	-	-	1	3	7	3	4	2	2	2	-
	F	22	1	1	-	-	-	1	5	3	3	4	1	2	1

NOTE: Numbers listed below causes are from "International Classification of Diseases" 9th Revision.

Table 36. REPORTED CASES AND DEATHS FROM SELECTED NOTIFIABLE DISEASES - Colorado Residents, Selected Years, 1940 - 1981

CAUSES		YEARS							
		1981	1980	1979	1978	1977	1976	1975	1974
Botulism	Cases	2	2	-	8	2	-	-	-
	Deaths	-	-	-	-	-	-	-	-
Colorado Tick Fever	Cases	159	139	148	104	200	220	261	192
	Deaths	-	-	-	-	-	-	-	-
Diphtheria	Cases	-	-	-	2	-	5	1	9
	Deaths	-	-	-	-	-	1	1	1
Encephalitis*	Cases	16	15	18	6	13	10	37	7
	Deaths	-	3	-	4	5	5	8	7
German Measles	Cases	30	24	68	53	194	31	139	177
	Deaths	-	-	-	-	-	-	-	1
Hepatitis-Infectious	Cases	561	834	489	477	534	460	248	288
	Deaths	5	10	8	3	5	3	7	4
Serum	Cases	220	235	166	243	303	306	144	120
	Deaths**								
Influenza	Cases	29,091	30,257	41,062	42,941	34,788	50,284	9,586	5,261
	Deaths	35	29	12	41	35	228	41	62
Malaria***	Cases	19	36	10	5	5	12	2	6
	Deaths	-	-	-	-	-	-	-	-
Measles	Cases	11	12	72	50	425	470	1,173	179
	Deaths	-	-	-	-	-	-	2	-
Meningococcal Infection	Cases	43	29	8	3	3	9	11	9
	Deaths	6	2	1	3	3	-	4	3
Mumps	Cases	53	68	117	115	309	282	689	616
	Deaths	1	1	-	-	-	-	-	-
Pertussis	Cases	24	29	42	21	19	10	18	9
	Deaths	1	-	-	-	-	-	-	-
Poliomyelitis	Cases	-	1	-	1	-	-	-	-
	Deaths	-	-	1	-	-	-	-	-
Rheumatic Fever	Cases	2	9	12	9	8	14	33	26
	Deaths	-	-	5	9	3	1	-	-
Rocky Mountain Spotted Fever	Cases	4	5	4	2	1	1	1	-
	Deaths	1	-	-	-	-	-	-	-
Salmonellosis	Cases	407	564	534	475	783	824	716	435
	Deaths	-	2	1	-	-	-	-	3
Shigellosis	Cases	425	390	422	496	535	405	501	917
	Deaths	-	-	-	-	1	-	1	1
Streptococcal Infection	Cases	N.A.	55,734	62,464	60,002	56,160	42,284	42,388	52,762
	Deaths	-	1	1	-	1	1	1	-
Tetanus	Cases	-	-	-	1	-	-	-	-
	Deaths	-	-	-	-	-	-	-	-
Tuberculosis	Cases	121	135	170	143	149	174	220	307
	Deaths	8	13	14	25	21	23	31	23
Typhoid Fever	Cases	10	7	15	6****	9	8	2	2
	Deaths	-	-	-	-	-	-	-	-
Venereal Disease - Syphilis	Cases	502	426	362	424	353	371	314	381
	Deaths	1	2	1	2	-	2	2	2
Gonorrhea & Other	Cases	11,302	11,477	11,616	11,558	11,589	11,239	11,534	10,308
	Deaths	-	1	-	1	-	-	-	-

*Includes post-infectious, and primary encephalitis.
**No mortality data are shown because deaths in which serum hepatitis is a contributing factor usually are coded to the underlying condition and not to serum hepatitis.
***All malaria cases were contracted outside of Colorado or were transmitted by needle or transfusion.
****Includes one carrier.

Table 36. Continued

	YEARS									
	1973	1972	1971	1970	1965	1960	1955	1950	1945	1940
Cases	-	1	-	2	-	-	5	3	-	4
Deaths	1	-	-	2	1	-	1	1	2	6
Cases	244	115	89	72	156	242	223	99	31	68
Deaths	-	1	-	-	1	-	-	-	-	-
Cases	-	1	-	5	-	3	5	43	284	357
Deaths	-	-	-	1	-	-	-	-	22	15
Cases	7	5	11	13	116	50	35	17	8	60
Deaths	4	5	6	9	12	12	13	11	-	7
Cases	1,589	539	311	469	1,973	1,549	580	219	75	48
Deaths	-	1	-	1	-	-	-	1	-	-
Cases	464	754	842	1,017	403	1,177	528	-	-	-
Deaths	3	10	11	14	9	14	3	5	2	-
Cases	63	121	91	72	-	-	-	-	-	-
Deaths**										
Cases	12,921	9,477	420	5,669	11,293	21,606	1,674	2,546	3,491	1,544
Deaths	81	81	28	44	24	61	20	58	119	151
Cases	2	34	139	348	5	-	4	2	846	3
Deaths	-	-	-	-	1	-	-	-	-	-
Cases	105	540	932	295	6,027	6,749	5,082	5,431	832	1,526
Deaths	-	-	2	-	3	5	6	9	1	15
Cases	10	10	7	19	30	18	60	28	48	11
Deaths	5	8	7	9	7	4	12	10	16	3
Cases	618	773	1,637	1,677	2,199	4,249	3,789	2,332	2,155	6,132
Deaths	-	1	-	-	-	-	2	-	4	1
Cases	16	27	21	83	98	448	599	1,134	1,672	893
Deaths	-	-	-	-	-	-	3	5	25	33
Cases	-	-	1	1	1	21	223	205	146	40
Deaths	-	-	-	-	1	-	6	8	14	12
Cases	41	27	54	61	76	275	102	128	223	-
Deaths	-	-	-	2	5	5	28	27	19	17
Cases	2	-	2	3	9	6	6	17	13	11
Deaths	-	-	-	-	-	-	1	1	1	1
Cases	556	281	291	305	218	180	79	8	7	9
Deaths	1	1	3	1	1	-	1	-	-	-
Cases	697	300	156	100	259	238	131	25	16	90
Deaths	-	1	-	-	3	4	2	4	5	3
Cases	53,485	45,667	47,115	47,541	28,116	24,319	3,050	651	2,572	1,595
Deaths	1	2	2	-	3	4	5	7	8	6
Cases	1	-	-	-	2	1	-	-	-	3
Deaths	-	-	-	-	-	1	1	2	-	6
Cases	356	420	423	362	558	746	1,144	1,586	669	565
Deaths	29	31	34	34	61	76	116	208	362	457
Cases	3	2	4	4	1	1	16	23	50	79
Deaths	-	-	-	-	-	-	-	-	8	9
Cases	484	444	347	272	583	153	278	755	2,398	3,132
Deaths	4	3	4	5	22	30	18	50	74	89
Cases	8,842	7,290	6,344	5,801	2,381	1,563	1,391	1,190	2,755	1,246
Deaths	1	-	-	-	-	1	2	-	4	1

NOTE: The "ICD" codes included in each of the causes of death are listed in Appendix "B".

Section 7
ADOPTIONS

The term "adoptions" as used in this report includes all adoptions processed through court and reported to this office, "legitimations" (the intermarriage of the natural parents following the birth of the child) and paternity adjudications through court. The 4,150 adoptions processed by the Colorado Department of Health include 3,253 compiled through direct reporting from Colorado courts, 796 of which involved children born out of state, and 897 adoptions of children born in Colorado by parties in other states.

The 1981 adoption total includes 846 adoptions by both parents, 2,395 step-parent adoptions, 50 single-parent adoptions, 158 relative adoptions, and 701 legitimations and adjudications. A step-parent adoption involves either the father or mother adopting the children of the spouse. Both-parent adoptions, relative adoptions and single-parent adoptions are self-explanatory.

Adoptions of male children entailed 51.4% of the total. The sex of the child is evenly divided for all types of adoptions, while age distributions are quite different. Children under two years of age comprise 52.5% of both-parent adoptions and 73.4% of legitimations. Of the step-parent adoptions, however, 82.1% of the adopted children were age five and over.

Totals for 1981 represent the number of adoptions that were processed in the Vital Statistics Office in 1981, rather than the number of adoptions for which 1981 is the year of decree. Of the 1981 total of 4,150 adoptions, 2,988 state the year of decree to be 1981, while 853 report it to be 1980, and 72 cite dates prior to 1970.

Table 37. ADOPTIONS PROCESSED IN COLORADO, 1979-1981, BY YEAR OF DECREE - Colorado, 1979-1981

YEAR OF DECREE	YEAR IN WHICH PROCESSED					
	1981		1980		1979	
	Number	%	Number	%	Number	%
TOTAL	4,150	100.0	3,245	100.0	3,532	100.0
1981	2,988	72.0	-	-	-	-
1980	853	20.6	2,565	79.0	-	-
1979	92	2.2	411	12.7	2,797	79.2
1978	48	1.2	70	2.2	471	13.3
1975 through 1977	75	1.8	106	3.3	138	3.9
1970 through 1974	22	0.5	22	0.7	60	1.7
Prior to 1970	72	1.7	71	2.2	66	1.9

Table 38. TYPE OF ADOPTION AND SEX OF CHILD FOR ALL PROCESSED ADOPTIONS - Colorado, 1981

TYPE OF ADOPTION	TOTAL PROCESSED	COLORADO ADOPTIONS			COLORADO BIRTHS		
		TOTAL	PLACE OF BIRTH		TOTAL	PLACE OF ADOPTION	
			Colorado	Out of state		Colorado	Out of state
TOTAL	4,150	3,253	2,457	796	3,354	2,457	897
Male	2,135	1,663	1,272	391	1,744	1,272	472
Female	2,015	1,590	1,185	405	1,610	1,185	425
Both Parent	846	661	556	105	741	556	185
Male	436	337	283	54	382	283	99
Female	410	324	273	51	359	273	86
Step-Parent	2,395	1,743	1,096	647	1,748	1,096	652
Male	1,221	877	564	313	908	564	344
Female	1,174	866	532	334	840	532	308
Single Parent	50	46	29	17	33	29	4
Male	30	28	16	12	18	16	2
Female	20	18	13	5	15	13	2
Legitimation	620	620	620	-	620	620	-
Male	329	329	329	-	329	329	-
Female	291	291	291	-	291	291	-
Relative	158	113	86	27	131	86	45
Male	77	57	45	12	65	45	20
Female	81	56	41	15	66	41	25
Adjudication	81	70	70	-	81	70	11
Male	42	35	35	-	42	35	7
Female	39	35	35	-	39	35	4

Table 39. TYPE OF ADOPTION AND AGE OF CHILD FOR ALL PROCESSED ADOPTIONS - Colorado, 1981

AGE OF CHILD	ALL PROCESSED ADOPTIONS	TYPE OF ADOPTION					
		Both Parent	Step Parent	Single Parent	Legiti-mation	Relative Adoption	Adjudi-cation
TOTAL	4,150	846	2,395	50	620	158	81
Under 1 Year	657	283	7	2	341	7	17
1 Year	354	161	46	1	114	17	15
2 Years	234	61	78	1	61	20	13
3 Years	236	50	130	2	33	16	5
4 Years	257	35	167	4	31	11	9
5-9 Years	1,293	115	1,030	12	32	51	17
10-14 Years	805	65	686	14	5	32	3
15-19 Years	245	23	209	7	2	2	2
Over 19 Years	65	15	41	7	-	2	-
Unknown	4	2	1	-	1	-	-

Section 8
MARRIAGES AND DISSOLUTIONS

The marriage and marriage dissolution (divorces and annulments) data in this report are reported by the county where the marriage license was obtained and where the dissolution took place. For both marriages and marriage dissolutions it is difficult to establish a usual place of residence that is common to both parties. For marriage dissolutions, State law does require a period of residence in a particular county for one of the parties, but there is no such requirement for the other party.

During 1981 there were 37,210 marriages and 19,515 marriage dissolutions reported in Colorado - a 6.6% increase in marriages and a 5.1% increase in dissolutions from 1980. The number of marriages had increased steadily during past years until 1974 when a ten day waiting period was imposed between the date of the premarital blood test and issuance of the license. This requirement was repealed in 1975 and the number of marriages resumed an upward trend. It should be noted that on July 1, 1979, another change was made in premarital blood test requirements - which now requires the test for rubella and Rh only, and only for brides under age 45 who are physically capable of bearing children. However, this change probably will not significantly change the number of marriages performed in the state. The Colorado rate of marriage also reflects a trend in the state's rate of birth, for which 1974 represents a 30 year low. Marriage data are not available to examine long term trends, however.

Table 40 presents the Colorado marriage and dissolution rates from 1970 along with national rates. (National rates for 1980 and 1981 are provisional.) Since Colorado has a generally younger population than the nation as a whole, somewhat higher rates of marriage and dissolutions are expected because of a proportionately smaller elderly population.

Table 40. MARRIAGES AND MARRIAGE DISSOLUTIONS (Divorces and Annulments) - Colorado Occurrence and United States Rates, 1970 - 1981

	MARRIAGES			DISSOLUTIONS		
	COLORADO		U.S.	COLORADO		U.S.
YEAR	Number	Rate*	Rate*	Number	Rate*	Rate*
1970	25,000	11.3	10.6	10,400	4.7	3.5
1971	25,839	11.3	10.6	11,809	5.2	3.7
1972	27,095	11.4	11.0	12,604	5.3	4.1
1973	28,023	11.3	10.8	14,401	5.8	4.3
1974	26,061	10.2	10.5	15,104	5.9	4.6
1975	27,565	10.7	10.0	15,733	6.1	4.8
1976	28,601	10.9	9.9	17,520	6.7	5.0
1977	30,063	11.2	9.9	20,557	7.7	5.0
1978	31,129	11.3	10.3	18,590	6.7	5.1
1979	32,831	11.5	10.4	16,498	5.8	5.3
1980	34,917	12.1	10.6**	18,571	6.4	5.2**
1981	37,210	12.5	10.6**	19.515	6.6	5.3**

*Rate are per 1,000 population.
**Provisional.

Section 9
CERTIFIED COPIES

An indication of the volume of work done by the Records portion of a Vital Statistics Office is the number of certified copies of vital records issued. This figure has increased substantially since 1940. The fee for copies was raised from $1.00 to $2.00 in 1954 and to $4.00 as of July, 1982. The figures shown in Table 41 are those for certified copies issued only by the State Office of Vital Statistics. This figure for fiscal year 1981-1982 was 80,869. It is estimated that Local Registrars issued an equal number, for a rough total of 162,000 copies issued. This is roughly twice the number of new records filed, however, most of the copies, particularly those of birth certificates, were of records filed in past years. These figures do not include verification of birth certificate data when copies are not issued, and do not include copies of records used for research or statistical purposes.

Table 41. CERTIFIED COPIES OF BIRTH AND DEATH CERTIFICATES - Selected Fiscal Years*, 1940-1981

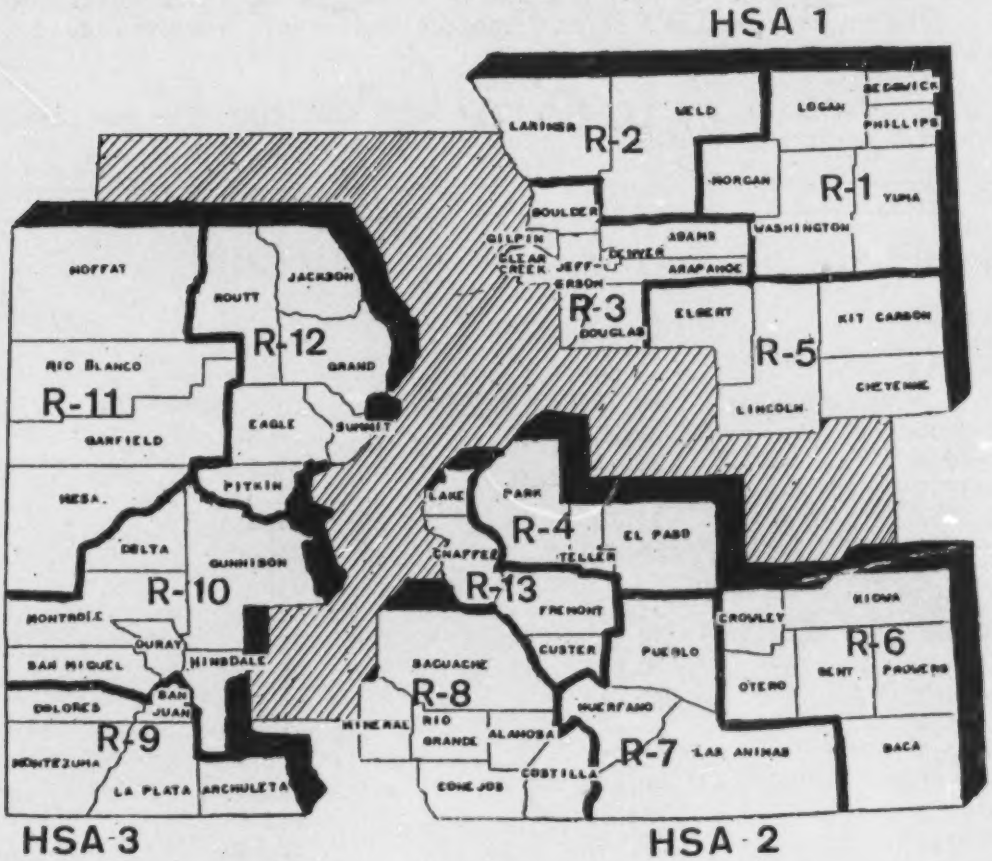
FISCAL YEAR	TOTAL	PAID COPIES	FREE COPIES
1940-1941	7,441	6,781	660
1950-1951	28,115	22,657	5,458
1951-1952	30,350	26,350	4,000
1952-1953	30,500	28,520	1,980
1953-1954	40,003	37,507	2,496
1954-1955	31,210	28,563	2,647
1955-1956	33,473	30,693	2,780
1956-1957	34,828	32,336	2,492
1957-1958	34,757	32,400	2,357
1958-1959	36,743	34,511	2,232
1959-1960	34,636	32,841	1,795
1960-1961	38,701	36,235	2,466
1961-1962	40,935	38,772	2,163
1962-1963	42,818	40,600	2,218
1963-1964	43,496	41,277	2,219
1964-1965	43,754	41,830	1,924
1965-1966	49,537	47,605	1,932
1966-1967	52,542	50,288	2,254
1967-1968	52,936	50,986	1,950
1968-1969	55,301	53,331	1,970
1969-1970	56,373	54,677	1,696
1970-1971	56,800	55,058	1,742
1971-1972	62,461	59,824	1,579
1972-1973	62,543	61,463	1,080
1973-1974	65,260	63,676	1,584
1974-1975	67,259	65,941	1,318
1975-1976	69,812	68,642	1,180
1976-1977	68,974	67,938	1,036
1977-1978	72,880	71,761	1,119
1978-1979	74,049	72,882	1,167
1979-1980	75,637	74,653	984
1980-1981	79,345	78,558	797
1981-1982	80,869	79,564	1,305

*July 1 - June 30

APPENDIX A
TABULATIONS BY STATE, COUNTY, PLANNING REGION, AND HEALTH SERVICE AREA

The following tables comprising this Appendix present Colorado Vital Statistics for the state, 63 Colorado Counties, 13 Planning Regions, and the three Health Service Areas. These are presented in Figure 6.

Figure 6 - STATE OF COLORADO - Counties, Planning Regions, and Health Service Areas



Caution should be exercised in the evaluation of Vital Statistics rates which are based on few actual cases, since a difference of only one or two cases will change these rates substantially. Throughout the following tables, all rates based on less than five actual cases have been suppressed. Table A-5 presents five year average Vital Statistics (1976-1980) and may be more useful.

Figures 7 and 8 present Colorado Counties by growth rate (1970 to 1980) and population density (1980). Rapid growth in the northwestern mountain areas is shown, but it must be remembered that a dramatic population change expressed in percentages may reflect an actual change of only a few hundred persons. It should also be kept in mind that differences among counties in birth and death rates may in part be due to differences in the age distribution of their populations.

FIGURE 8 - POPULATION DENSITY BY COUNTY, 1981

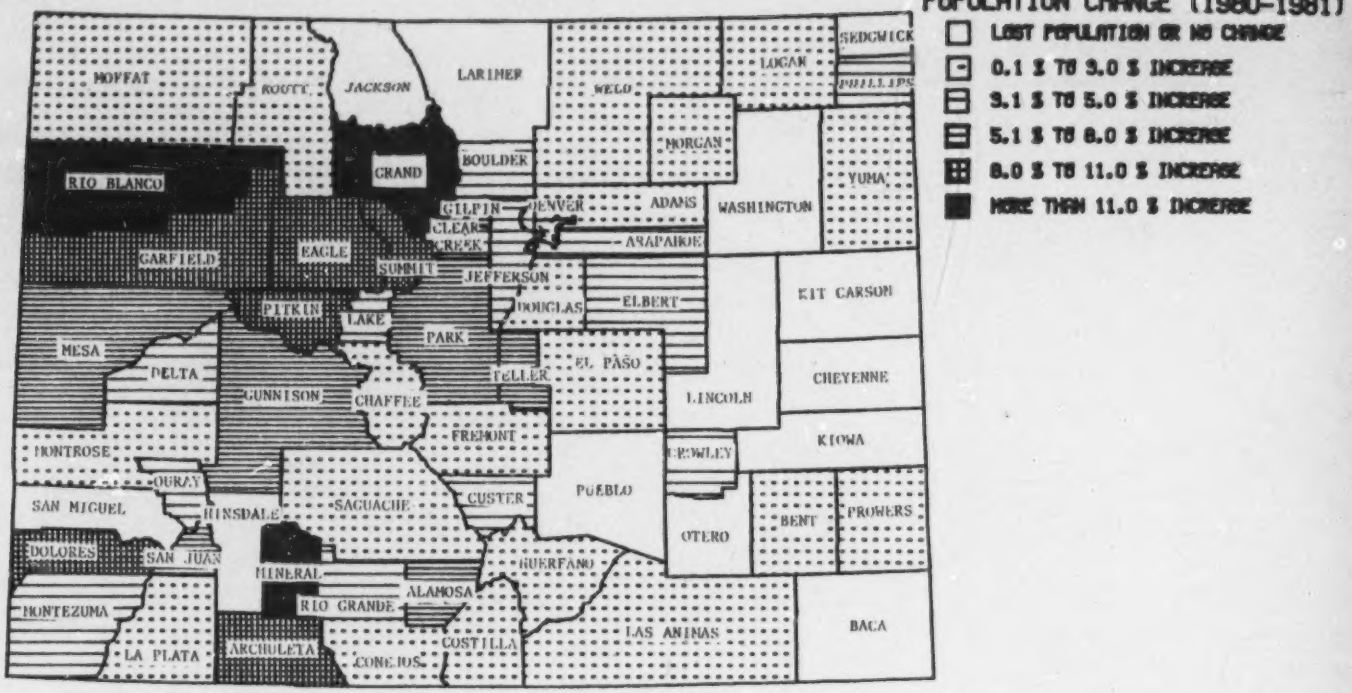
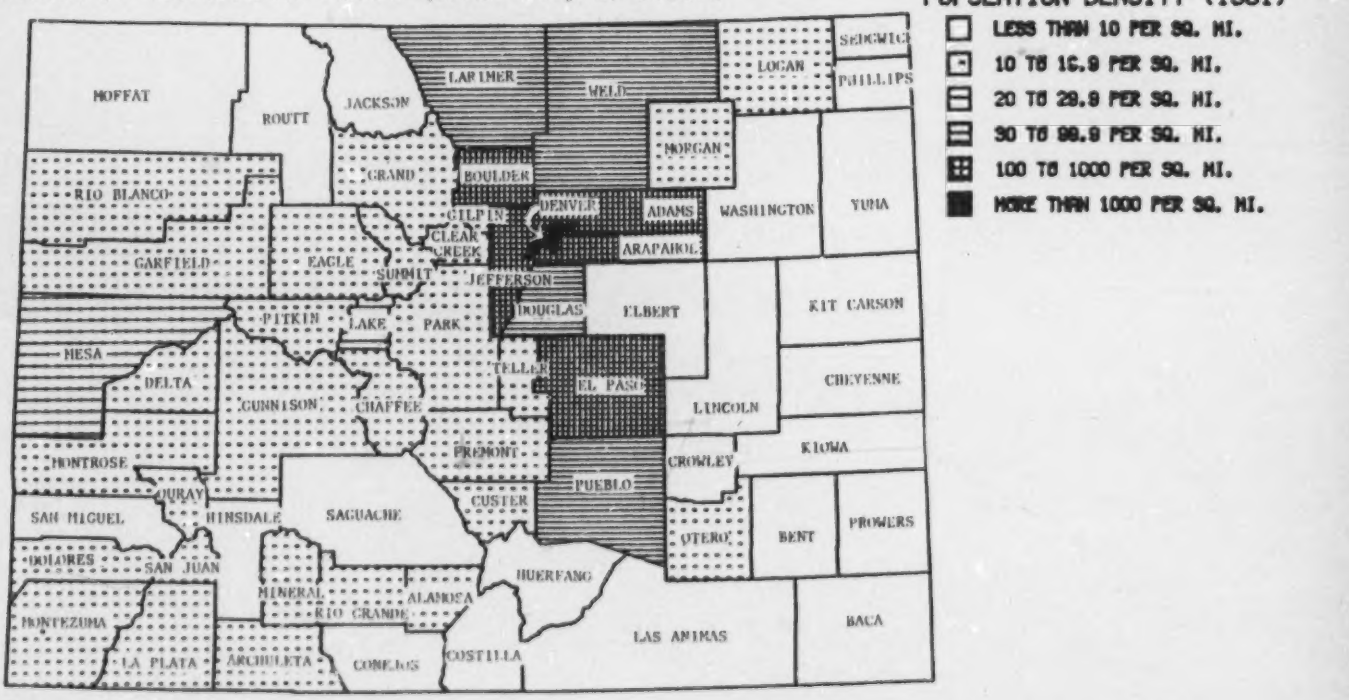


FIGURE 7 - POPULATION GROWTH (1980-1981) BY COUNTY



APPENDIX A, TABLE A-1

ESTIMATED POPULATION, POPULATION GROWTH (1980 TO 1981), AND POPULATION DENSITY, WITH RANKS - COLORADO, 1981

COUNTY	POPULATION				POPULATION GROWTH			POPULATION DENSITY		
	1981			1980						
	TOTAL	%	RANK	TOTAL	POPULATION GAIN/LOSS	PERCENT CHANGE	RANK	AREA IN SQ MILES	PERSONS PER SQUARE MILE	RANK
COLORADO ...	2965000	100	****	2889964	75036	2.6	****	103595	28.6	****
ADAMS	252500	8.5	5	245944	6556	2.7	31	1235	204.5	5
ALAMOSA	12400	.4	27	11799	601	5.1	16	719	17.2	19
ARAPAHOE	307000	10.4	4	293621	13379	4.6	19	800	383.8	3
ARCHULETA	4000	.1	49	3664	336	9.2	7	1353	3.0	46
BACA	5400	.2	44	5419	-19	-.4	51	2554	2.1	54
BENT	6000	.2	42	5945	55	.9	45	1517	4.0	39
BOULDER	195800	6.6	6	189625	6175	3.3	27	742	263.9	4
CHAFFEE	13400	.5	25	13227	173	1.3	42	1008	13.3	23
CHEYENNE	2100	.1	55	2153	-53	-2.5	60	1783	1.2	59
CLEAR CREEK	7600	.3	37	7308	292	4.0	21	397	19.1	14
CONEJOS	7800	.3	36	7794	6	.1	50	1285	6.1	33
COSTILLA	3100	.1	52	3071	29	.9	43	1227	2.5	49
CROWLEY	3100	.1	51	2988	112	3.7	23	790	3.9	40
CUSTER	1600	.1	60	1528	72	4.7	17	740	2.2	53
DELTA	21900	.7	18	21225	675	3.2	28	1141	19.2	13
DENVER	499000	16.8	1	492365	6635	1.3	41	111	4495.5	1
DOLORES	1800	.1	59	1658	142	8.6	8	1064	1.7	57
DOUGLAS	25900	.9	13	25153	747	3.0	30	841	30.8	10
EAGLE	14400	.5	22	13320	1080	8.1	9	1690	8.5	28
ELBERT	7100	.2	39	6850	250	3.6	25	1851	3.8	41
EL PASO	314800	10.6	3	309424	5376	1.7	37	2129	147.9	6
FREMONT	29100	1.0	11	28676	424	1.5	40	1538	18.9	15
GARFIELD	24900	.8	14	22514	2386	10.6	5	2952	8.4	30
GILPIN	2600	.1	54	2441	159	6.5	13	149	17.4	18
GRAND	8400	.3	35	7475	925	12.4	1	1854	4.5	36
GUNNISON	11300	.4	29	10689	611	5.7	15	3238	3.5	43
HINSDALE	400	.0	63	408	-8	-2.0	57	1115	.4	63
HUERFANO	6500	.2	41	6440	60	.9	44	1583	4.1	37
JACKSON	1800	.1	58	1863	-63	-3.4	62	1615	1.1	60
JEFFERSON	389100	13.1	2	371753	17347	4.7	18	768	506.6	2
KIOWA	1900	.1	57	1936	-36	-1.9	56	1758	1.1	61
KIT CARSON	7500	.3	38	7599	-99	-1.3	54	2160	3.5	44
LAKE	9100	.3	33	8830	270	3.1	29	379	24.0	12
LA PLATA	27900	.9	12	27424	476	1.7	38	1692	16.5	20
LARIMER	148400	5.0	7	149184	-784	-.5	52	2604	57.0	7
LAS ANIMAS	15200	.5	21	14897	303	2.0	34	4771	3.2	45
LINCOLN	4600	.2	47	4663	-63	-1.4	55	2586	1.8	56
LOGAN	20200	.7	19	19800	400	2.0	36	1819	11.1	27
MESA	87100	2.9	10	81530	5570	6.8	12	3309	26.3	11
MINERAL	900	.0	61	804	96	11.9	2	877	1.0	62

1981 POPULATION ESTIMATE IS AS OF JULY 1.

APPENDIX A, TABLE A-1

ESTIMATED POPULATION, POPULATION GROWTH (1980 TO 1981), AND POPULATION DENSITY, WITH RANKS - COLORADO, 1981

COUNTY	POPULATION				POPULATION GROWTH			POPULATION DENSITY		
	1981			1980						
	TOTAL	%	RANK	TOTAL	POPULATION GAIN/LOSS	PERCENT CHANGE	RANK	AREA IN SQ MILES	PERSONS PER SQUARE MILE	RANK
MOFFAT	13400	.5	24	13133	267	2.0	35	4732	2.8	47
MONTEZUMA	17200	.6	20	16510	690	4.2	20	2038	8.4	29
MONTROSE	24900	.8	15	24352	548	2.3	32	2240	11.1	26
MORGAN	22700	.8	16	22513	187	.8	46	1276	17.8	16
OTERO	22000	.7	17	22567	-567	-2.5	61	1247	17.6	17
OURAY	2000	.1	56	1925	75	3.9	22	542	3.7	42
PARK	5700	.2	43	5333	367	6.9	11	2192	2.6	48
PHILLIPS	4700	.2	46	4542	158	3.5	26	688	6.8	32
PITKIN	11300	.4	28	10338	962	9.3	6	968	11.7	25
PROWERS	13100	.4	26	13070	30	.2	48	1629	8.0	31
PUEBLO	124700	4.2	8	125972	-1272	-1.0	53	2377	52.5	8
RIO BLANCO	7000	.2	40	6255	745	11.9	3	3222	2.2	52
RIO GRANDE	10900	.4	30	10511	389	3.7	24	913	11.9	24
ROUTT	13700	.5	23	13404	296	2.2	33	2367	5.8	35
SAGUACHE	4000	.1	48	3935	65	1.7	39	3167	1.3	58
SAN JUAN	900	.0	62	833	67	8.0	10	388	2.3	51
SAN MIGUEL	3000	.1	53	3192	-192	-6.0	63	1287	2.3	50
SEDGWICK	3200	.1	50	3266	-66	-2.0	59	540	5.9	34
SUMMIT	9800	.3	31	8848	952	10.8	4	607	16.1	21
TELLER	8500	.3	34	8034	466	5.8	14	559	15.2	22
WASHINGTON	5200	.2	45	5304	-104	-2.0	58	2520	2.1	55
WELD	123900	4.2	9	123438	462	.4	47	3990	31.1	9
YUMA	9700	.3	32	9682	18	.2	49	2365	4.1	38
REGION 1	65700	2.2	6	65107	593	.9	9	9208	7.1	8
REGION 2	272300	9.2	3	272622	-322	-.1	11	6594	41.3	3
REGION 3	1679500	56.6	1	1628210	51290	3.2	4	5043	333.0	1
REGION 4	329000	11.1	2	322791	6209	1.9	7	4880	67.4	2
REGION 5	21300	.7	13	21265	35	.2	10	8380	2.5	13
REGION 6	51500	1.7	11	51925	-425	-.8	13	9495	5.4	11
REGION 7	146400	4.9	4	147309	-909	-.6	12	8731	16.8	4
REGION 8	39100	1.3	12	37914	1186	3.1	5	8188	4.8	12
REGION 9	51800	1.7	10	50089	1711	3.4	3	6535	7.9	7
REGION 10	63500	2.1	7	61791	1709	2.8	6	9563	6.6	9
REGION 11	132400	4.5	5	123432	8968	7.3	2	14215	9.3	6
REGION 12	59400	2.0	8	55248	4152	7.5	1	9101	6.5	10
REGION 13	53200	1.8	9	52261	939	1.8	8	3665	14.5	5
HSA I	2038600	68.8	1	1987204	51596	2.6	2	29225	69.8	1
HSA II	619200	20.9	2	612200	7000	1.1	3	34959	17.7	2
HSA III	307100	10.4	3	290560	16540	5.7	1	39414	7.8	3

1981 POPULATION ESTIMATE IS AS OF JULY 1.

APPENDIX A, TABLE A-2

POPULATION AND MEDIAN AGE BY SEX, PERCENT POPULATION BY RACE AND SPANISH ORIGIN, NUMBER OF FAMILIES, HOUSEHOLDS, AND PERSONS IN GROUP QUARTERS - COLORADO, 1980

COUNTY	1980 POPULATION	TOTAL MALES	TOTAL FEMALES	MEDIAN AGE BY SEX -YRS			RACE		% NON SPANISH ORIGIN	% SPANISH ORIGIN	NUMBER OF FAMILIES	NUMBER OF HOUSEHOLDS	PERSONS IN GROUP QUARTERS
				TOTAL	MALES	FEMALES	% WHITE	% NON WHITE					
COLORADO	2889964	1434293	1455671	28.6	27.9	29.3	94.7	5.3	88.2	11.8	739446	1061249	74392
ADAMS	245944	121877	124067	26.5	26.2	26.9	95.4	4.6	84.4	15.6	64498	84219	2073
ALAMOSA	11799	5827	5972	25.6	24.9	26.4	98.2	1.8	68.0	32.0	2873	3921	869
ARAPAHOE	293621	145008	148613	29.1	28.7	29.5	95.1	4.9	95.7	4.3	78347	106018	2675
ARCHULETA	3664	1854	1810	30.4	30.7	30.0	98.7	1.3	68.8	31.3	1022	1241	0
BACA	5419	2703	2716	32.5	31.1	33.9	98.7	1.3	94.0	6.0	1557	2047	0
BENT	5945	3087	2858	33.2	33.9	32.5	98.7	1.3	74.6	25.4	1486	1999	434
BOULDER	189625	95622	94003	27.4	26.9	27.9	97.3	2.7	94.6	5.4	44442	68964	8331
CHAFFEE	13227	6825	6402	29.8	28.3	31.7	98.7	1.3	90.3	9.7	3501	4758	655
CHEYENNE	2153	1067	1086	32.1	31.3	32.9	99.5	.5	97.6	2.4	600	813	11
CLEAR CREEK	7308	3876	3432	28.7	28.7	28.6	99.1	.9	96.4	3.6	1915	2835	42
CONEJOS	7794	3859	3935	26.3	26.1	26.5	99.0	1.0	38.8	61.2	1910	2356	0
COSTILLA	3071	1535	1536	30.4	30.4	30.3	98.0	2.0	22.5	77.5	823	1025	0
CROWLEY	2988	1455	1533	38.0	36.2	39.9	98.8	1.2	80.3	19.7	867	1130	51
CUSTER	1528	771	757	32.0	31.0	33.3	98.7	1.3	97.6	2.4	437	572	14
DELTA	21225	10489	10736	34.3	32.8	35.9	98.9	1.1	91.6	8.4	6034	7924	292
DENVER	492365	237865	254500	30.3	29.3	31.5	85.5	14.5	81.2	18.8	117929	211566	12554
DOLORES	1658	831	827	30.2	29.8	30.6	97.3	2.7	96.7	3.3	435	584	0
DOUGLAS	25153	12626	12527	30.2	30.3	30.1	98.8	1.2	97.6	2.4	6832	7857	111
EAGLE	13320	7292	6028	27.3	27.4	27.1	99.1	.9	93.6	6.4	2928	5223	,5
ELBERT	6850	3516	3334	30.1	29.5	30.6	99.1	.9	97.9	2.1	1902	2277	32
EL PASO	309424	156104	153320	26.9	25.6	28.3	91.5	8.5	91.9	8.1	79831	107791	15308
FREMONT	28676	14573	14103	33.5	31.9	35.9	97.9	2.1	92.0	8.0	7474	10058	2630
GARFIELD	22514	11460	11054	28.6	28.3	28.9	99.2	.8	95.8	4.2	5920	8131	412
GILPIN	2441	1320	1121	30.1	30.0	30.3	98.6	1.4	96.5	3.5	648	958	49
GRAND	7475	3870	3605	27.8	28.2	27.3	99.3	.7	96.6	3.4	1918	2797	8
GUNNISON	10689	5836	4853	24.1	24.0	24.2	99.1	.9	96.8	3.2	2029	3784	1335
HINSDALE	408	230	178	30.6	29.8	31.9	99.3	.7	97.3	2.7	118	163	0
HUERFANO	6440	3191	3249	34.5	32.3	37.1	98.5	1.5	56.0	44.0	1746	2403	122
JACKSON	1863	972	891	29.3	29.9	28.7	99.4	.6	97.3	2.7	506	662	22
JEFFERSON	371753	185026	186727	29.2	28.6	29.7	98.0	2.0	94.8	5.2	99129	129778	5532
KIOWA	1936	986	950	40.8	39.6	42.4	99.8	.2	98.0	2.0	624	718	31
KIT CARSON	7599	3787	3812	31.3	30.6	32.1	99.4	.6	95.3	4.7	2130	2765	68
LAKE	8830	4660	4170	24.7	25.1	24.2	98.7	1.3	76.3	23.7	2188	3000	128
LA PLATA	27424	13793	13631	27.6	27.1	28.1	95.5	4.5	88.8	11.2	6803	9746	1142
LARIMER	149184	74036	75148	27.0	26.6	27.5	98.1	1.9	94.1	5.9	37030	54086	6988
LAS ANIMAS	14897	7252	7645	32.3	30.2	34.6	98.6	1.4	56.3	43.7	3875	5367	495
LINCOLN	4663	2278	2385	36.5	33.8	39.2	99.5	.5	99.0	1.0	1027	1822	109
LOGAN	19800	9743	10057	28.8	27.5	30.1	99.0	1.0	93.4	6.6	5250	7146	613
MESA	81530	40351	41179	29.0	28.2	29.9	98.7	1.3	93.0	7.0	21797	29668	1931
MINERAL	804	419	385	29.9	29.3	31.0	99.2	.8	95.3	4.7	220	314	0

SOURCE: 1980 CENSUS OF POPULATION, STF1-A. % WHITE AND NON-WHITE ARE MODIFIED FROM 1980 CENSUS COUNTS - SEE PREFACE.
NOTE: GROUP QUARTERS INCLUDE 27,627 INMATES OF INSTITUTIONS, AND 46,165 PERSONS IN OTHER GROUP QUARTERS, DEFINED AS NONINSTITUTIONAL QUARTERS IN WHICH LIVE NINE OR MORE PERSONS UNRELATED TO THE HOUSEHOLD HEAD.

APPENDIX A, TABLE A-2

POPULATION AND MEDIAN AGE BY SEX, PERCENT POPULATION BY RACE AND SPANISH ORIGIN, NUMBER OF FAMILIES, HOUSEHOLDS, AND PERSONS IN GROUP QUARTERS - COLORADO, 1980

COUNTY	1980 POPULATION	TOTAL MALES	TOTAL FEMALES	MEDIAN AGE BY SEX -YRS			RACE		% NON SPANISH ORIGIN	% SPANISH ORIGIN	NUMBER OF FAMILIES	NUMBER OF HOUSEHOLDS	PERSONS IN GROUP QUARTERS
				TOTAL	MALES	FEMALES	% WHITE	% NON WHITE					
MOFFAT	13133	6795	6338	26.5	26.7	26.4	99.3	.7	94.9	5.1	3492	4578	91
MONTEZUMA	16510	8097	8413	28.7	28.0	29.5	89.6	10.4	91.8	8.2	4395	5661	148
MONTROSE	24352	12171	12181	30.7	30.0	31.4	99.0	1.0	90.5	9.5	6675	8428	393
MORGAN	22513	11155	11358	29.3	28.3	30.5	99.2	.8	88.2	11.8	6151	7981	352
OTERO	22567	10946	11621	30.3	28.7	32.1	98.6	1.4	67.0	33.0	5947	7937	527
OURAY	1925	953	972	32.7	32.6	32.8	99.1	.9	95.7	4.3	537	723	0
PARK	5333	2740	2593	29.7	30.0	29.4	98.9	1.1	97.6	2.4	1461	1857	12
PHILLIPS	4542	2235	2307	34.7	33.1	36.8	99.2	.8	97.4	2.6	1271	1753	61
PITKIN	10338	5426	4912	29.3	29.6	29.0	98.9	1.1	98.7	1.3	1977	4519	18
PROWERS	13070	6339	6731	28.8	27.4	30.1	99.2	.8	80.4	19.6	3440	4658	150
PUEBLO	125972	61284	64688	29.9	29.0	30.9	97.2	2.8	67.0	33.0	33478	45095	2614
RIO BLANCO	6255	3240	3015	26.2	25.7	26.8	98.8	1.2	97.0	3.0	1616	2104	252
RIO GRANDE	10511	5233	5278	29.7	29.0	30.5	99.4	.6	63.0	37.0	2782	3522	255
ROUTT	13404	7160	6244	27.6	27.7	27.5	99.2	.8	97.3	2.7	3125	4934	107
SAGUACHE	3935	1999	1936	29.0	27.7	30.7	98.2	1.8	58.8	41.2	1046	1360	80
SAN JUAN	833	444	389	27.4	28.2	26.6	99.4	.6	85.5	14.5	196	318	0
SAN MIGUEL	3192	1719	1473	28.6	29.0	28.2	96.3	3.7	96.9	3.1	733	1250	0
SEDGWICK	3266	1593	1673	36.0	34.3	37.8	98.2	1.8	90.0	10.0	933	1260	51
SUMMIT	8848	4874	3974	26.9	27.3	26.3	99.1	.9	98.3	1.7	1624	3571	0
TELLER	8034	4072	3962	31.0	30.9	31.1	99.3	.7	98.5	1.5	2313	2882	46
WASHINGTON	5304	2701	2603	33.8	32.3	35.5	99.7	.3	98.4	1.6	1534	2017	23
WELD	123438	60479	62959	26.7	26.4	27.0	98.3	1.7	83.0	17.0	31272	42749	4090
YUMA	9682	4766	4916	32.1	30.8	33.3	99.3	.7	97.5	2.5	2717	3606	130
REGION 1	65107	32193	32914	******	******	********	99.1	.9	92.7	7.3	17856	23763	1230
REGION 2	272622	134515	138107	******	******	********	98.2	1.8	89.1	10.9	68302	96835	11078
REGION 3	1628210	803220	824990	******	******	********	93.2	6.8	89.3	10.7	413790	612195	31367
REGION 4	322791	162916	159875	******	******	********	91.8	8.2	92.2	7.8	83095	112530	15366
REGION 5	21265	10648	10617	******	******	********	99.3	.7	97.2	2.8	5959	7677	220
REGION 6	51925	25516	26409	******	******	********	98.8	1.2	76.0	24.0	13911	18489	1193
REGION 7	147309	71727	75582	******	******	********	97.4	2.6	65.4	34.6	39099	52865	3231
REGION 8	37914	18872	19042	******	******	********	98.7	1.3	56.6	43.4	9654	12498	1144
REGION 9	50089	25019	25070	******	******	********	93.9	6.1	88.5	11.5	12871	17550	1290
REGION 10	61791	31398	30393	******	******	********	98.8	1.2	92.5	7.5	16126	22272	2020
REGION 11	123432	61846	61586	******	******	********	98.8	1.2	93.9	6.1	32825	44481	2666
REGION 12	55248	29594	25654	******	******	********	99.1	.9	96.7	3.3	12278	21706	160
REGION 13	52261	26829	25432	******	******	********	98.2	1.8	89.1	10.9	13680	18388	3427
HSA I	1087204	980576	1006628	******	******	********	94.2	5.8	89.5	10.5	505907	740470	43895
HSA II	612200	305860	306340	******	******	********	94.7	5.3	81.9	18.1	159439	214770	24361
HSA III	290560	147857	142703	******	******	********	98.0	2.0	93.2	6.8	74100	106009	6136

SOURCE: 1980 CENSUS OF POPULATION, STF1-A. % WHITE AND NON-WHITE ARE MODIFIED FROM 1980 CENSUS COUNTS - SEE PREFACE.
NOTE: GROUP QUARTERS INCLUDE 27,627 INMATES OF INSTITUTIONS, AND 46,115 PERSONS IN OTHER GROUP QUARTERS, DEFINED AS NONINSTITUTIONAL QUARTERS IN WHICH LIVE NINE OR MORE PERSONS UNRELATED TO THE HOUSEHOLD HEAD.

APPENDIX A, TABLE A-3
POPULATION BY AGE GROUP - COLORADO, 1980

COUNTY	1980 POPULATION	MEDIAN AGE (YEARS)	AGE GROUP -YEARS												
			UNDER 1 YR	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 YRS & OVER
C O L O R A D O ...	2889964	28.6	48034	168461	213135	226147	268588	302606	569545	346953	270860	228310	148666	74296	24363
ADAMS	245944	26.5	4832	16867	20772	21267	24393	26898	47349	29075	24101	17260	8520	3529	1081
ALAMOSA	11799	25.6	220	797	948	909	1440	1463	1929	1185	996	848	649	322	93
ARAPAHOE	293621	29.1	4798	17273	23806	25732	26409	24681	61321	42733	30137	21715	9668	3992	1356
ARCHULETA	3664	30.4	65	222	315	337	370	207	613	431	379	386	230	88	21
BACA	5419	32.5	80	322	405	446	490	381	759	569	587	625	450	234	71
BENT	5945	33.2	101	359	471	485	520	361	811	580	676	695	516	271	99
BOULDER	189625	27.4	2578	9289	12200	13865	19559	26280	42500	23707	15559	11213	7397	4053	1425
CHAFFEE	13227	29.8	251	791	926	1021	1179	1275	2252	1457	1357	1166	975	441	136
CHEYENNE	2153	32.1	45	159	161	149	190	138	315	202	208	261	220	83	22
CLEAR CREEK	7308	28.7	165	533	550	504	438	647	2030	912	601	464	270	136	28
CONEJOS	7794	26.3	158	615	745	796	857	578	1026	736	774	677	518	251	63
COSTILLA	3071	30.4	52	190	224	287	335	212	399	327	292	338	237	130	48
CROWLEY	2988	36.0	44	154	196	219	262	179	358	270	327	374	333	204	68
CUSTER	1528	32.0	34	95	103	118	143	97	244	175	176	133	144	49	17
DELTA	21225	34.3	326	1220	1590	1622	1774	1301	2988	2310	1916	2387	2297	1110	384
DENVER	492365	30.3	7799	25335	28760	28760	37528	54768	106885	48824	44375	47408	35441	20138	6344
DOLORES	1658	30.2	32	121	125	144	151	130	232	194	183	173	119	44	10
DOUGLAS	25153	30.2	413	1485	2331	2901	2311	1203	4400	4655	2651	1633	733	340	97
EAGLE	13320	27.3	254	650	736	766	936	2098	4504	1586	784	558	278	90	30
ELBERT	6850	30.1	121	450	627	667	603	360	1298	1037	555	487	385	198	62
EL PASO	309424	26.9	5424	19101	23037	24714	32084	37854	57266	36766	29071	22101	12936	6140	1980
FREMONT	28676	33.5	401	1477	1911	2227	2470	2054	4521	3030	2711	2871	2909	1604	550
GARFIELD	22514	28.6	439	1432	1663	1706	1917	2214	4806	2757	1924	1612	1222	585	207
GILPIN	2441	30.1	39	139	166	174	196	139	682	369	225	150	109	46	7
GRAND	7475	27.8	155	504	563	518	550	857	1891	889	700	483	271	75	19
GUNNISON	10589	24.1	145	430	517	587	1550	2463	2304	972	722	492	304	150	43
HINSDALE	408	30.6	5	22	26	29	30	28	98	63	45	34	19	6	3
HUERFANO	6440	34.5	95	390	442	536	600	380	820	630	643	719	684	384	117
JACKSON	1863	29.3	35	114	155	150	171	158	337	260	205	135	94	38	11
JEFFERSON	371753	29.2	5610	20817	29517	33871	34806	30853	74263	53787	38420	27723	13892	6083	2111
KIOWA	1936	40.8	37	116	121	107	142	109	219	203	205	391	164	80	42
KIT CARSON	7599	31.3	145	473	610	636	650	594	1075	823	767	773	637	290	120
LAKE	8830	24.7	213	698	737	715	699	1231	1850	956	714	455	283	62	15
LA PLATA	27424	27.6	438	1537	790	2048	3114	3324	5124	3047	2447	2186	1483	677	209
LARIMER	149184	27.0	2319	8056	10314	10732	14734	21455	30590	16830	11470	9944	7422	3969	1289
LAS ANIMAS	14897	32.3	249	827	1096	1133	1412	1256	1939	1323	1392	1595	1555	812	278
LINCOLN	4663	36.5	68	236	274	341	417	347	568	520	497	579	459	249	108
LOGAN	19800	28.8	352	1245	1448	1555	2192	1920	2842	1989	1974	1860	1381	759	283
MESA	81530	29.0	1421	5149	6344	6123	7423	7884	14846	9273	7421	6911	5087	2726	922
MINERAL	804	29.9	11	50	51	61	85	56	152	127	67	80	50	9	5

SOURCE: 1980 CENSUS OF POPULATION, STF1-A

APPENDIX A, TABLE A-3
POPULATION BY AGE GROUP - COLORADO, 1980

COUNTY	1980 POPULATION	MEDIAN AGE (YEARS)	AGE GROUP -YEARS												
			UNDER 1 YR	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 YRS & OVER
MOFFAT	13133	26.5	316	1058	1138	1098	1099	1387	2793	1612	1110	779	439	220	84
MONTEZUMA	16510	28.7	342	1139	1448	1319	1506	1294	2590	1938	1641	1473	1009	475	136
MONTROSE	24352	30.7	423	1598	1953	2069	2272	1672	3794	3094	2434	2220	1773	793	257
MORGAN	22513	29.3	440	1523	1786	1789	2088	1930	3485	2370	2221	2030	1614	927	310
OTERO	22567	30.3	365	1501	1788	1954	2298	1649	3085	2291	2155	2153	1859	1090	379
OURAY	1925	32.7	40	102	150	147	159	89	363	277	171	202	163	53	9
PARK	5333	29.7	135	342	440	492	391	300	1277	781	444	417	229	74	11
PHILLIPS	4542	34.7	60	285	344	345	331	312	611	481	446	471	474	294	88
PITKIN	10338	29.3	93	348	449	575	631	1379	3709	1655	749	472	210	54	14
PROWERS	13070	28.8	269	944	1093	1167	1259	1045	1950	1339	1217	1201	895	492	199
PUEBLO	125972	29.9	2065	7410	9769	10308	12088	11226	19549	13068	13248	12672	9064	4188	1317
RIO BLANCO	6255	26.2	147	465	531	514	653	676	1083	751	582	433	269	107	44
RIO GRANDE	10511	29.7	184	681	864	968	984	801	1524	1160	993	957	798	426	166
ROUTT	13404	27.6	224	829	938	934	982	1590	4124	1711	827	636	365	172	72
SAGUACHE	3935	29.0	90	272	304	311	422	304	588	396	374	405	290	143	36
SAN JUAN	833	27.4	25	68	66	58	61	85	215	95	74	49	23	10	4
SAN MIGUEL	3192	28.6	79	204	235	219	189	280	1087	398	179	145	116	47	14
SEDGWICK	3266	36.0	55	177	236	275	234	217	405	328	360	399	366	168	46
SUMMIT	8848	26.9	125	441	478	508	555	1581	3252	1000	493	293	101	20	1
TELLER	8034	31.0	117	441	599	788	697	455	1670	1193	825	663	412	138	36
WASHINGTON	5304	33.8	76	313	399	393	445	359	748	560	586	632	460	255	78
WELD	123438	26.7	2192	7946	9574	9987	13040	14872	21844	13804	10510	8768	6580	3219	1102
YUMA	9682	32.1	203	634	780	771	774	670	1393	1059	967	945	816	484	186
REGION 1	65107	*******	1186	4177	4993	5128	6064	5408	9484	6787	6554	6337	5111	2687	991
REGION 2	272622	*******	4511	16002	19868	20719	27834	36327	52434	30634	21980	18712	14002	7188	2391
REGION 3	1628210	*******	26234	91738	113102	127074	145670	165469	339430	204062	156069	127566	76030	38317	12449
REGION 4	322791	*******	5676	19884	23079	25394	33122	38609	60213	38740	30340	23181	13577	6352	2027
REGION 5	21265	*******	379	1318	1672	1793	1860	1439	3256	2586	2027	2100	1701	820	312
REGION 6	51925	*******	896	3396	4074	4378	4971	3724	7182	5252	5167	5439	4217	2371	858
REGION 7	147309	*******	2409	8627	11307	11977	14130	12662	22308	15021	15283	14986	11303	5384	1712
REGION 8	37914	*******	715	2605	3136	3332	4123	3414	5618	3936	3496	3305	2542	1281	411
REGION 9	50089	*******	902	3087	3744	4106	5202	5040	8774	5705	4724	4267	2864	1294	380
REGION 10	61791	*******	1018	3576	4471	4673	5984	5833	10634	7114	5467	5480	4672	2159	710
REGION 11	123432	*******	2323	8104	9676	9441	11122	12161	23528	14393	11037	9735	7017	3638	1257
REGION 12	55248	*******	886	2886	3319	3451	3875	7663	17817	7101	3756	2577	1319	449	147
REGION 13	52261	*******	899	3061	3677	4081	4631	4657	8867	5620	4958	4625	4311	2156	718
HSA I	1987204	*******	32310	113235	144655	154714	181428	208643	404604	244071	186630	154715	96844	49212	16143
HSA II	612200	*******	10595	37573	47270	49762	60977	63266	104188	68569	59244	51536	35950	17544	5726
HSA III	290560	*******	5129	17653	21210	21671	26183	30697	60753	34313	24986	22059	15872	7540	2494

SOURCE: 1980 CENSUS OF POPULATION, STF1-A

APPENDIX A, TABLE A-4

LIVE BIRTHS, LOW BIRTHWEIGHT BIRTHS, ILLEGITIMATE BIRTHS, TOTAL DEATHS, INFANT, NEONATAL, FETAL (20+ WEEKS GESTATION) AND PERINATAL DEATHS, WITH RATES - COLORADO RESIDENTS, 1981

COUNTY	EST. 1981 POPULATION	BIRTHS						DEATHS									
		LIVE BIRTHS		LOW BIRTH WEIGHT		ILLEGITIMATE BIRTHS		TOTAL DEATHS		INFANT DEATHS		NEONATAL DEATHS		FETAL DEATHS		PERINATAL DEATHS	
		NO.	RATE	NO.	%	NO.	%	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
COLORADO ...	2965000	52104	17.6	4167	8.0	7016	13.5	19360	6.5	517	9.9	337	6.5	457	8.8	794	15.1
ADAMS	252500	4830	19.3	407	8.3	782	16.0	1273	5.0	50	10.2	32	6.6	37	7.6	69	14.0
ALAMOSA	12400	255	20.6	21	8.2	45	17.6	77	6.2	1	3.9	1	3.9	1	3.9	2	7.8
ARAPAHOE	307000	5231	17.0	404	7.7	462	8.8	1395	4.5	50	9.6	28	5.4	41	7.8	69	13.1
ARCHULETA	4000	78	19.5	11	14.1	5	6.4	33	8.3	1	12.8	0	0.0	0	0.0	0	0.0
BACA	5400	89	16.5	7	7.9	4	4.5	53	9.8	1	11.2	1	11.2	1	11.2	2	22.2
BENT	6000	84	14.0	7	8.3	9	10.7	64	10.7	2	23.8	1	11.9	1	11.9	2	23.5
BOULDER	195800	3045	15.6	202	6.6	287	9.4	1003	5.1	28	9.2	19	6.2	15	4.9	34	11.1
CHAFFEE	13400	226	16.9	23	10.2	12	5.3	105	7.8	3	13.3	3	13.3	5	22.1	8	34.6
CHEYENNE	2100	38	18.1	3	7.9	2	5.3	21	10.0	1	26.3	1	26.3	0	0.0	1	26.3
CLEAR CREEK	7600	183	24.1	16	8.7	8	4.4	35	4.6	3	16.4	2	10.9	4	21.9	6	32.1
CONEJOS	7800	178	22.8	17	9.6	31	17.4	63	8.1	2	11.2	2	11.2	2	11.2	4	22.2
COSTILLA	3100	65	21.0	7	10.8	17	26.2	31	10.0	1	15.4	1	15.4	1	15.4	2	30.3
CROWLEY	3100	51	16.5	3	5.9	7	13.7	42	13.5	1	19.6	0	0.0	1	19.6	1	19.2
CUSTER	1600	20	12.5	3	15.0	2	10.0	11	6.9	1	50.0	0	0.0	0	0.0	0	0.0
DELTA	21900	367	16.8	20	5.4	39	10.6	247	11.3	4	10.9	2	5.4	4	10.9	6	16.2
DENVER	499000	8363	7.4	793	9.2	2344	27.1	4603	9.2	75	8.7	49	5.7	81	9.4	130	14.9
DOLORES	1800	32	17.8	1	3.1	2	6.3	12	6.7	0	0.0	0	0.0	0	0.0	0	0.0
DOUGLAS	25900	416	16.1	29	7.0	21	5.0	84	3.2	8	19.2	5	12.0	2	4.8	7	16.7
EAGLE	14400	334	23.2	26	7.8	18	5.4	44	3.1	3	9.0	2	6.0	2	6.0	4	11.9
ELBERT	7100	119	16.8	9	7.6	4	3.4	35	4.9	0	0.0	0	0.0	1	8.4	1	8.3
EL PASO	314800	6259	19.9	523	8.4	716	11.4	1753	5.6	60	9.6	41	6.6	62	9.9	103	16.3
FREMONT	29100	398	13.7	23	5.8	49	12.3	350	12.0	1	2.5	1	2.5	3	7.5	4	10.0
GARFIELD	24900	547	22.0	37	6.8	25	4.6	153	6.1	3	5.5	3	5.5	6	11.0	9	16.3
GILPIN	2600	60	23.1	5	8.3	7	11.7	11	4.2	0	0.0	0	0.0	1	16.7	1	16.4
GRAND	8400	171	20.4	24	14.0	11	6.4	37	4.4	5	29.2	3	17.5	2	11.7	5	28.9
GUNNISON	11300	153	13.5	16	10.5	9	5.9	44	3.9	1	6.5	1	6.5	2	13.1	3	19.4
HINSDALE	400	7	17.5	0	0.0	1	14.3	1	2.5	0	0.0	0	0.0	1	143	1	125
HUERFANO	6500	91	14.0	12	13.2	22	24.2	69	10.6	1	11.0	1	11.0	2	22.0	3	32.3
JACKSON	1800	30	16.7	2	6.7	3	10.0	13	7.2	0	0.0	0	0.0	0	0.0	0	0.0
JEFFERSON	389100	6012	15.5	442	7.4	458	7.6	1986	5.1	58	9.6	38	6.3	49	8.2	87	14.4
KIOWA	1900	35	18.4	3	8.6	3	8.6	27	14.2	0	0.0	0	0.0	0	0.0	0	0.0
KIT CARSON	7500	129	17.2	9	7.0	9	7.0	59	7.9	2	15.5	2	15.5	2	15.5	4	30.5
LAKE	9100	240	26.4	43	17.9	24	10.0	33	3.6	3	12.5	3	12.5	3	12.5	6	24.7
LA PLATA	27900	451	16.2	29	6.4	41	9.1	197	7.1	4	8.9	2	4.4	6	13.3	8	17.5
LARIMER	148400	2496	16.8	182	7.3	236	9.5	923	6.2	29	11.6	16	6.4	23	9.2	39	15.5
LAS ANIMAS	15200	250	16.4	25	10.0	35	14.0	173	11.4	4	16.0	4	16.0	5	20.0	9	35.3
LINCOLN	4600	85	18.5	9	10.6	8	9.4	60	13.0	0	0.0	0	0.0	2	23.5	2	23.0
LOGAN	20200	365	18.1	20	5.5	33	9.0	167	8.3	3	8.2	3	8.2	4	11.0	7	19.0
MESA	87100	1743	20.0	101	5.8	151	8.7	653	7.5	21	12.0	13	7.5	14	8.0	27	15.4
MINERAL	900	12	13.3	0	0.0	0	0.0	4	4.4	0	0.0	0	0.0	0	0.0	0	0.0

BIRTH AND DEATH RATES ARE PER 1,000 POPULATION. <NOTE> RATES BASED ON FEW ACTUAL CASES SHOULD BE VIEWED WITH CAUTION.
RATES FOR INFANT, NEONATAL AND FETAL (20 WEEKS GESTATION) DEATHS ARE PER 1,000 LIVE BIRTHS.
PERINATAL DEATH RATES ARE PER 1,000 LIVE BIRTHS AND FETAL DEATHS OF 20 WEEKS OR MORE GESTATION.

APPENDIX A, TABLE A-4

LIVE BIRTHS, LOW BIRTHWEIGHT BIRTHS, ILLEGITIMATE BIRTHS, TOTAL DEATHS, INFANT, NEONATAL, FETAL (20+ WEEKS GESTATION) AND PERINATAL DEATHS, WITH RATES - COLORADO RESIDENTS, 1981

COUNTY	EST. 1981 POPULATION	BIRTHS						DEATHS									
		LIVE BIRTHS		LOW BIRTH WEIGHT		ILLEGITIMATE BIRTHS		TOTAL DEATHS		INFANT DEATHS		NEONATAL DEATHS		FETAL DEATHS		PERINATAL DEATHS	
		NO.	RATE	NO.	%	NO.	%	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
MOFFAT	13400	326	24.3	33	10.1	17	5.2	77	5.7	2	6.1	1	3.1	3	9.2	4	12.2
MONTEZUMA	17200	334	19.4	17	5.1	40	12.0	120	7.0	3	9.0	2	6.0	4	12.0	6	17.8
MONTROSE	24900	422	16.9	40	9.5	34	8.1	179	7.2	7	16.6	4	9.5	5	11.8	9	21.1
MORGAN	22700	441	19.4	41	9.3	38	8.6	211	9.3	7	15.9	4	9.1	6	13.6	10	22.4
OTERO	22000	370	16.8	29	7.8	61	16.5	248	11.3	5	13.5	4	10.8	4	10.8	8	21.4
OURAY	2000	40	20.0	5	12.5	2	5.0	12	6.0	1	25.0	1	25.0	1	25.0	2	48.8
PARK	5700	105	18.6	15	14.2	6	5.7	27	4.7	1	9.4	1	9.4	0	0.0	1	9.4
PHILLIPS	4700	78	16.6	7	9.0	3	3.8	45	9.6	0	0.0	0	0.0	1	12.8	1	12.7
PITKIN	11300	128	11.3	13	10.2	8	6.3	33	2.9	2	15.6	2	15.6	2	15.6	4	30.8
PROWERS	13100	301	23.0	15	5.0	46	15.3	122	9.3	0	0.0	0	0.0	1	3.3	1	3.3
PUEBLO	124700	1928	15.5	157	8.1	421	21.8	1049	8.4	24	12.4	16	8.3	14	7.3	30	15.4
RIO BLANCO	7000	159	22.7	9	5.7	9	5.7	40	5.7	4	25.2	3	18.9	1	6.3	4	25.0
RIO GRANDE	10900	252	23.1	22	8.7	48	19.0	92	8.4	4	15.9	1	4.0	2	7.9	3	11.8
ROUTT	13700	269	19.6	26	9.7	11	4.1	49	3.6	1	3.7	1	3.7	3	11.2	4	14.7
SAGUACHE	4000	84	21.0	15	17.9	18	21.4	26	6.5	1	11.9	0	0.0	1	11.9	1	11.8
SAN JUAN	900	17	18.9	1	5.9	1	5.9	5	5.6	0	0.0	0	0.0	0	0.0	0	0.0
SAN MIGUEL	3000	67	22.3	4	6.0	5	7.5	11	3.7	0	0.0	0	0.0	0	0.0	0	0.0
SEDGWICK	3200	45	14.1	3	6.7	5	11.1	34	10.6	0	0.0	0	0.0	0	0.0	0	0.0
SUMMIT	9800	197	20.1	23	11.7	11	5.6	28	2.9	4	20.3	3	15.2	0	0.0	3	15.2
TELLER	8500	163	19.2	21	12.9	12	7.4	43	5.1	3	18.4	2	12.3	2	12.3	4	24.2
WASHINGTON	5200	74	14.2	3	4.1	2	2.7	65	12.5	1	13.5	1	13.5	0	0.0	1	13.5
WELD	123900	2238	18.1	146	6.5	269	12.0	779	6.3	16	7.1	10	4.5	19	8.5	29	12.8
YUMA	9700	177	18.2	8	4.5	7	4.0	121	12.5	1	5.6	1	5.6	2	11.3	3	16.8
REGION 1	65700	1180	18.0	82	6.9	88	7.5	643	9.8	12	10.2	9	7.6	13	11.0	22	18.4
REGION 2	272300	4734	17.4	328	6.9	505	10.7	1702	6.3	45	9.5	26	5.5	42	8.9	68	14.2
REGION 3	1679500	28490	17.0	2298	8.1	4369	15.3	10390	6.2	272	9.5	173	6.1	230	8.1	403	14.0
REGION 4	329000	6528	19.8	559	8.6	734	11.2	1823	5.5	64	9.8	44	6.7	64	9.8	108	16.4
REGION 5	21300	371	17.4	30	8.1	23	6.2	175	8.2	3	8.1	3	8.1	5	13.5	8	21.3
REGION 6	51500	930	18.1	64	6.9	130	14.0	556	10.8	9	9.7	6	6.5	8	8.6	14	14.9
REGION 7	146400	2260	15.5	194	8.6	478	21.1	1291	8.8	29	12.8	21	9.3	21	9.3	42	18.3
REGION 8	39100	845	21.6	82	9.7	159	18.8	293	7.5	9	10.6	5	5.9	7	8.3	12	14.1
REGION 9	51800	912	17.6	59	6.5	89	9.8	367	7.1	8	8.8	4	4.4	10	11.0	14	15.2
REGION 10	63500	1056	16.6	85	8.0	90	8.5	494	7.8	13	12.3	8	7.6	13	12.3	21	19.6
REGION 11	132400	2775	21.0	180	6.5	202	7.3	923	7.0	30	10.8	20	7.2	24	8.6	44	15.7
REGION 12	59400	1129	19.0	114	10.1	62	5.5	204	3.4	15	13.3	11	9.7	9	8.0	20	17.6
REGION 13	53200	884	16.6	92	10.4	87	9.8	499	9.4	8	9.0	7	7.9	11	12.4	18	20.1
HSA I	2038800	34775	17.1	2738	7.9	4985	14.3	12910	6.3	332	9.5	211	6.1	290	8.3	501	14.3
HSA II	619200	11457	18.5	991	8.6	1588	13.9	4462	7.2	119	10.4	83	7.2	111	9.7	194	16.8
HSA III	307100	5872	19.1	438	7.5	443	7.5	1988	6.5	66	11.2	43	7.3	56	9.5	99	16.7

BIRTH AND DEATH RATES ARE PER 1,000 POPULATION. <NOTE> RATES BASED ON FEW ACTUAL CASES SHOULD BE VIEWED WITH CAUTION.
RATES FOR INFANT, NEONATAL AND FETAL (20+ WEEKS GESTATION) DEATHS ARE PER 1,000 LIVE BIRTHS.
PERINATAL DEATH RATES ARE PER 1,000 LIVE BIRTHS AND FETAL DEATHS OF 20 WEEKS OR MORE GESTATION.

APPENDIX A, TABLE A-5

FIVE YEAR AVERAGE LIVE BIRTHS, LOW BIRTHWEIGHT BIRTHS, ILLEGITIMATE BIRTHS, TOTAL DEATHS, INFANT, NEONATAL, FETAL (20+ WEEKS GESTATION) AND PERINATAL DEATHS, WITH FIVE YEAR AVERAGE RATES - COLORADO RESIDENTS, 1977-1981

COUNTY	AVERAGE POPULATION	BIRTHS						DEATHS									
		LIVE BIRTHS		LOW BIRTH WEIGHT		ILLEGITIMATE BIRTHS		TOTAL DEATHS		INFANT DEATHS		NEONATAL DEATHS		FETAL DEATHS		PERINATAL DEATHS	
		NO.	RATE	NO.	%	NO.	%	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
COLORADO ...	2829672.0	47223.6	16.7	3859.8	8.2	5916.0	12.5	18579.0	6.6	504.8	10.7	317.4	6.7	422.8	9.0	740.2	15.5
ADAMS	242055.2	4598.4	19.0	403.0	8.8	638.6	13.9	1200.4	5.0	54.0	11.7	34.4	7.5	41.0	8.9	75.4	16.3
ALAMOSA	11746.4	224.2	19.1	20.8	9.3	35.0	15.6	76.6	6.5	1.8	8.0	.8	3.6	3.0	13.4	3.8	16.7
ARAPAHOE	276176.8	4461.4	16.2	350.8	7.9	350.4	7.9	1241.2	4.5	42.4	9.5	26.6	6.0	37.8	8.5	64.4	14.3
ARCHULETA	3761.8	73.6	19.6	8.0	10.9	7.0	9.5	23.2	6.2	1.2	16.3	.8	10.9	.8	10.9	1.6	21.5
BACA	5464.8	87.6	16.0	4.4	5.0	4.0	4.6	55.6	10.2	.8	9.1	.8	9.1	1.2	13.7	2.0	22.5
BENT	5993.8	91.4	15.2	7.0	7.7	14.4	15.8	54.2	9.0	.8	8.8	.4	4.4	.6	6.6	1.0	10.9
BOULDER	186815.2	2598.8	13.9	183.6	7.1	223.4	8.6	900.4	4.8	23.6	9.1	14.2	5.5	13.0	5.0	27.2	10.4
CHAFFEE	12943.0	227.0	17.5	22.0	9.7	13.2	5.8	115.4	8.9	5.0	22.0	3.2	14.1	4.2	18.5	7.4	32.0
CHEYENNE	2120.8	37.4	17.6	2.2	5.9	1.6	4.3	21.6	10.2	.6	16.0	.2	5.3	.2	5.3	.4	10.6
CLEAR CREEK	6933.6	155.0	22.4	17.2	11.1	8.6	5.5	33.0	4.8	1.2	7.7	.8	5.2	1.6	10.3	2.4	15.3
CONEJOS	7830.8	178.2	22.8	16.4	9.2	25.4	14.3	61.4	7.8	2.2	12.3	1.0	5.6	4.4	24.7	5.4	29.6
COSTILLA	3144.0	57.8	18.4	6.4	11.1	11.6	20.1	27.8	8.8	.4	6.9	.2	3.5	.6	10.4	.8	13.7
CROWLEY	2995.0	47.2	15.8	3.4	7.2	5.6	11.9	41.0	13.7	.8	16.9	.6	12.7	1.0	21.2	1.6	33.2
CUSTER	1458.8	24.8	17.0	3.6	14.5	2.6	10.5	7.8	5.3	.4	16.1	0.0	0.0	.6	24.2	.6	23.6
DELTA	20488.0	333.0	16.3	23.2	7.0	32.4	9.7	224.0	10.9	4.0	12.0	2.8	8.4	2.8	8.4	5.6	16.7
DENVER	496076.8	8069.2	16.3	765.4	9.5	2060.4	25.5	4563.2	9.2	91.2	11.3	59.0	7.3	79.8	9.9	138.8	17.0
DOLORES	1591.6	34.4	21.6	1.8	5.2	2.6	7.6	11.0	6.9	0.0	0.0	0.0	0.0	.4	11.6	.4	11.5
DOUGLAS	22511.0	333.8	14.8	24.0	7.2	13.6	4.1	88.8	3.9	3.2	9.6	2.0	6.0	3.2	9.6	5.2	15.4
EAGLE	13191.6	256.2	19.4	21.6	8.4	18.2	7.1	48.0	3.6	2.4	9.4	1.6	6.2	3.2	12.5	4.8	18.5
ELBERT	6216.0	100.6	16.2	8.4	8.3	5.6	5.6	36.6	5.9	2.2	21.9	2.0	19.9	1.4	13.9	3.4	33.3
EL PASO	307472.2	5826.8	19.0	493.4	8.5	573.0	9.8	1683.0	5.5	70.2	12.0	43.6	7.5	49.0	8.4	92.6	15.8
FREMONT	27982.0	383.0	13.7	30.2	7.9	37.6	9.8	358.8	12.8	2.6	6.8	1.4	3.7	4.4	11.5	5.8	15.0
GARFIELD	21598.0	415.0	19.2	28.8	6.9	22.4	5.4	148.8	6.9	3.2	7.7	1.6	3.9	3.2	7.7	4.8	11.5
GILPIN	2269.4	43.2	19.0	3.6	8.3	4.8	11.1	12.2	5.4	.2	4.6	.2	4.6	.2	4.6	.4	9.2
GRAND	7311.0	141.0	19.3	14.8	10.5	7.0	5.0	35.2	4.8	1.6	11.3	.8	5.7	1.6	11.3	2.4	16.8
GUNNISON	10156.4	129.6	12.8	11.4	8.8	7.6	5.9	39.8	3.9	1.0	7.7	.8	6.2	1.2	9.3	2.0	15.3
HINSDALE	453.6	5.4	11.9	0.0	0.0	.2	3.7	3.2	7.1	0.0	0.0	0.0	0.0	.4	74.1	.4	69.0
HUERFANO	6576.8	94.4	14.4	9.0	9.5	17.4	18.4	76.2	11.6	1.0	10.6	.4	4.2	1.6	16.9	2.0	20.8
JACKSON	1783.2	29.6	16.6	4.0	13.5	1.4	4.7	11.0	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
JEFFERSON	364580.4	5384.4	14.8	384.4	7.1	391.4	7.3	1823.0	5.0	46.0	8.5	29.6	5.5	42.0	7.8	71.6	13.2
KIOWA	1873.0	33.8	18.0	1.6	4.7	2.8	8.3	21.2	11.3	.2	5.9	.2	5.9	.6	17.8	.8	23.3
KIT CARSON	7567.8	136.0	18.0	8.6	6.3	7.8	5.7	67.0	8.9	2.8	20.6	1.6	11.8	1.0	7.4	2.6	19.0
LAKE	8854.0	205.6	23.2	30.2	14.7	18.2	8.9	37.0	4.2	2.0	9.7	1.2	5.8	2.4	11.7	3.6	17.3
LA PLATA	26554.4	446.4	16.8	38.6	8.6	48.2	10.8	187.0	7.0	5.8	13.0	3.8	8.5	3.6	8.1	7.4	16.4
LARIMER	142403.6	2222.6	15.6	160.8	7.2	185.2	8.3	816.6	5.7	21.6	9.7	11.6	5.2	16.4	7.4	28.0	12.5
LAS ANIMAS	14997.6	230.8	15.4	20.2	8.8	36.8	15.9	176.8	11.8	4.2	18.2	3.4	14.7	2.6	11.3	6.0	25.7
LINCOLN	4629.2	71.6	15.5	5.2	7.3	5.8	8.1	58.0	12.5	.6	8.4	.4	5.6	1.2	16.8	1.6	22.0
LOGAN	19626.8	338.2	17.2	18.8	5.6	29.2	8.6	154.4	7.9	3.2	9.5	2.2	6.5	2.6	7.7	4.8	14.1
MESA	76695.6	1380.0	18.0	88.6	6.4	120.2	8.7	620.4	8.1	14.0	10.1	8.0	5.8	12.4	9.0	20.4	14.7
MINERAL	828.6	11.6	14.0	1.6	13.8	.2	1.7	5.2	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

BIRTH AND DEATH RATES ARE PER 1,000 POPULATION.
RATES FOR INFANT, NEONATAL AND FETAL (20+ WEEKS GESTATION) DEATHS ARE PER 1,000 LIVE BIRTHS.
PERINATAL DEATH RATES ARE PER 1,000 LIVE BIRTHS AND FETAL DEATHS OF 20 WEEKS OR MORE GESTATION.

APPENDIX A, TABLE A-5

FIVE YEAR AVERAGE LIVE BIRTHS, LOW BIRTHWEIGHT BIRTHS, ILLEGITIMATE BIRTHS, TOTAL DEATHS, INFANT, NEONATAL, FETAL (20+ WEEKS GESTATION) AND PERINATAL DEATHS, WITH FIVE YEAR AVERAGE RATES - COLORADO RESIDENTS, 1977-1981

COUNTY	AVERAGE POPULATION	BIRTHS						DEATHS									
		LIVE BIRTHS		LOW BIRTH WEIGHT		ILLEGITIMATE BIRTHS		TOTAL DEATHS		INFANT DEATHS		NEONATAL DEATHS		FETAL DEATHS		PERINATAL DEATHS	
		NO.	RATE	NO.	%	NO.	%	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
MOFFAT	12044.0	279.8	23.2	26.4	9.4	16.0	5.7	71.4	5.9	3.6	12.9	2.6	9.3	2.8	10.0	5.4	19.1
MONTEZUMA	16086.4	300.8	18.7	22.2	7.4	32.2	10.7	133.6	8.3	3.8	12.6	2.0	6.6	3.2	10.6	5.2	17.1
MONTROSE	23490.4	419.2	17.8	36.6	8.7	35.6	8.5	182.4	7.8	5.0	11.9	3.8	9.1	4.4	10.5	8.2	19.4
MORGAN	22003.4	403.0	18.3	31.2	7.7	35.0	8.7	202.4	9.2	5.2	12.9	3.4	8.4	3.4	8.4	6.8	16.7
OTERO	22633.6	391.0	17.3	24.8	6.3	60.2	15.4	255.8	11.3	4.8	12.3	2.6	6.6	4.2	10.7	6.8	17.2
OURAY	1964.2	32.0	16.3	4.0	12.5	1.2	3.7	14.0	7.1	.6	18.7	.2	6.2	.2	6.2	.4	12.4
PARK	4622.4	94.0	20.3	11.4	12.1	4.6	4.9	23.4	5.1	.8	8.5	.8	8.5	1.4	14.9	2.2	23.1
PHILLIPS	4481.2	67.4	15.0	5.4	8.0	2.4	3.6	53.8	12.0	.6	8.9	.4	5.9	.6	8.9	1.0	14.7
PITKIN	10638.4	107.8	10.1	9.6	8.9	5.4	5.0	33.6	3.2	1.0	9.3	.6	5.6	1.4	13.0	2.0	18.3
PROWERS	13268.6	285.8	21.5	18.2	6.4	37.4	13.1	128.0	9.6	2.8	9.8	1.6	5.6	2.4	8.4	4.0	13.9
PUEBLO	124853.4	1974.8	15.8	162.8	8.2	367.0	18.6	1057.2	8.5	22.6	11.4	15.4	7.8	17.8	9.0	33.2	16.7
RIO BLANCO	5977.6	136.4	22.8	9.8	7.2	8.0	5.9	40.4	6.8	1.6	11.7	1.0	7.3	1.6	11.7	2.6	18.8
RIO GRANDE	10604.4	205.0	19.3	23.8	11.6	32.8	16.0	107.8	10.2	4.0	19.5	2.2	10.7	3.6	17.6	5.8	27.8
ROUTT	12506.4	232.0	18.6	21.4	9.2	11.0	4.7	53.4	4.3	1.2	5.2	.3	3.4	1.4	6.0	2.2	9.4
SAGUACHE	4031.4	87.4	21.7	9.6	11.0	17.0	19.5	32.8	8.1	1.2	13.7	.8	9.2	1.2	13.7	2.0	22.6
SAN JUAN	885.0	19.8	22.4	1.8	9.1	1.6	8.1	6.0	6.8	.2	10.1	.2	10.1	.6	30.3	.8	39.2
SAN MIGUEL	2940.8	56.2	19.1	4.4	7.8	5.4	9.6	12.0	4.1	.6	10.7	.4	7.1	0.0	0.0	.4	7.1
SEDGWICK	3315.6	49.0	14.8	2.2	4.5	4.2	8.6	36.8	11.1	.2	4.1	0.0	0.0	.2	4.1	.2	4.1
SUMMIT	8486.4	148.8	17.5	15.0	10.1	7.2	4.8	21.0	2.5	1.6	10.8	1.2	8.1	1.0	6.7	2.2	14.7
TELLER	7564.4	125.2	16.6	13.2	10.5	7.6	6.1	42.4	5.6	2.2	17.6	1.4	11.2	1.6	12.8	3.0	23.7
WASHINGTON	5037.0	78.6	15.6	4.8	6.1	2.8	3.6	58.8	11.7	.6	7.6	.8	7.6	.8	10.2	1.4	17.6
WELD	118886.0	2036.0	17.1	143.4	7.0	224.6	11.0	737.6	6.2	20.0	9.8	12.2	6.0	19.6	9.6	31.8	15.5
YUMA	9470.8	174.0	18.4	10.8	6.2	5.4	3.1	107.6	11.4	1.8	10.3	.3	4.6	2.2	12.6	3.0	17.0
REGION 1	63981.4	1110.2	17.4	73.2	6.6	79.0	7.1	613.8	9.6	11.6	10.4	7.4	6.7	9.8	8.8	17.2	15.4
REGION 2	261264.4	4258.6	16.3	304.2	7.1	409.8	9.6	1554.2	5.9	41.6	9.8	23.8	5.6	36.0	8.5	59.8	13.9
REGION 3	1597422.0	25644.2	16.1	2132.0	8.3	3691.2	14.4	9862.2	6.2	261.8	10.2	166.3	6.5	218.6	8.5	385.4	14.9
REGION 4	319658.2	6046.0	18.9	518.0	8.6	585.2	9.7	1740.8	5.5	73.2	12.1	45.3	7.6	52.0	8.6	97.8	16.0
REGION 5	20553.0	345.6	16.8	24.4	7.1	20.8	6.0	183.2	8.9	6.2	17.9	4.2	12.2	3.8	11.0	8.0	22.9
REGION 6	52225.0	936.8	17.9	59.4	6.3	124.4	13.3	555.8	10.6	10.2	10.9	6.2	6.6	10.0	10.7	16.2	17.1
REGION 7	146421.8	2300.0	15.7	192.0	8.3	421.2	18.3	1310.2	8.9	27.8	12.1	19.2	8.3	22.0	9.6	41.2	17.7
REGION 8	38182.8	764.2	20.0	78.6	10.3	122.0	16.0	311.6	8.2	9.6	12.6	5.0	6.5	12.8	16.7	17.8	22.9
REGION 9	48917.8	875.0	17.9	72.4	8.3	91.6	10.5	360.8	7.4	11.0	12.6	6.3	7.8	8.6	9.8	15.4	17.4
REGION 10	59538.2	975.4	16.4	79.6	8.2	82.4	8.4	475.4	8.0	11.2	11.5	8.0	8.2	9.0	9.2	17.0	17.3
REGION 11	116326.4	2211.2	19.0	153.6	6.9	166.6	7.5	881.0	7.6	22.4	10.1	13.2	6.0	20.0	9.0	33.2	14.9
REGION 12	53949.6	915.4	17.0	86.4	9.4	50.2	5.5	202.2	3.7	7.8	8.5	5.0	5.5	8.6	9.4	13.6	14.7
REGION 13	51252.2	840.4	16.4	86.0	10.2	71.6	8.5	519.0	10.1	10.0	11.9	5.3	6.3	11.6	13.8	17.4	20.4
HSA I	1943176.0	31358.6	16.1	2533.8	8.1	4200.8	13.4	12213.4	6.3	321.2	10.2	202.2	6.4	268.2	8.6	470.4	14.9
HSA II	607739.0	10887.4	17.9	934.0	8.6	1324.4	12.2	4445.4	7.3	130.8	12.0	82.0	7.5	108.4	10.0	190.4	17.3
HSA III	278604.8	4977.0	17.9	392.0	7.9	390.8	7.9	1919.4	6.9	52.4	10.5	33.0	6.6	46.2	9.3	79.2	15.8

BIRTH AND DEATH RATES ARE PER 1,000 POPULATION.
RATES FOR INFANT, NEONATAL AND FETAL (20+ WEEKS GESTATION) DEATHS ARE PER 1,000 LIVE BIRTHS.
PERINATAL DEATH RATES ARE PER 1,000 LIVE BIRTHS AND FETAL DEATHS OF 20 WEEKS OR MORE GESTATION.

APPENDIX A, TABLE A-6

LIVE BIRTHS, LOW BIRTHWEIGHT BIRTHS, ILLEGITIMATE BIRTHS, TOTAL DEATHS, INFANT, NEONATAL, FETAL (20+ WEEKS GESTATION) AND PERINATAL DEATHS, WITH PERCENTAGE OF TOTAL - COLORADO OCCURRENCE, 1981

COUNTY	EST. 1981 POPULATION (%)	BIRTHS						DEATHS									
		LIVE BIRTHS		LOW BIRTH WEIGHT		ILLEGITIMATE BIRTHS		TOTAL DEATHS		INFANT DEATHS		NEONATAL DEATHS		FETAL DEATHS		PERINATAL DEATHS	
		NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%
COLORADO ...	100.0	52504	100.0	4240	100.0	7030	100.0	20038	100.0	560	100.0	365	100.0	471	100.0	836	100.0
ADAMS	8.5	2633	5.0	248	5.8	268	3.8	1057	5.3	37	6.6	24	6.6	13	2.8	37	4.4
ALAMOSA	.4	432	.8	31	.7	65	.9	80	.4	1	.2	0	0.0	2	.4	2	.2
ARAPAHOE	10.4	4800	9.1	325	7.7	290	4.1	1135	5.7	29	5.2	16	4.4	37	7.9	53	6.3
ARCHULETA	.1	11	.0	1	.0	1	.0	22	.1	1	.2	0	0.0	0	0.0	0	0.0
BACA	.2	114	.2	7	.2	3	.0	37	.2	0	0.0	0	0.0	1	.2	1	.1
BENT	.2	36	.1	3	.1	4	.1	83	.4	2	.4	1	.3	1	.2	2	.2
BOULDER	6.6	2880	5.5	172	4.1	241	3.4	909	4.5	11	2.0	4	1.1	14	3.0	18	2.2
CHAFFEE	.5	271	.5	29	.7	15	.2	94	.5	4	.7	4	1.1	5	1.1	9	1.1
CHEYENNE	.1	20	.0	2	.0	1	.0	17	.1	1	.2	1	.3	0	0.0	1	.1
CLEAR CREEK	.3	4	.0	1	.0	0	0.0	29	.1	1	.2	1	.3	0	0.0	1	.1
CONEJOS	.3	137	.3	8	.2	29	.4	43	.2	1	.2	1	.3	2	.4	3	.4
COSTILLA	.1	1	.0	0	0.0	1	.0	12	.1	0	0.0	0	0.0	0	0.0	0	0.0
CROWLEY	.1	0	0.0	0	0.0	0	0.0	13	.1	0	0.0	0	0.0	0	0.0	0	0.0
CUSTER	.1	1	.0	0	0.0	0	0.0	8	.0	1	.2	0	0.0	0	0.0	0	0.0
DELTA	.7	326	.6	17	.4	34	.5	194	1.0	1	.2	1	.3	4	.8	5	.6
DENVER	16.8	17327	33.0	1686	39.8	3614	51.4	6466	32.3	303	54.1	218	59.7	154	32.7	372	44.5
DOLORES	.1	1	.0	1	.0	0	0.0	5	.0	0	0.0	0	0.0	0	0.0	0	0.0
DOUGLAS	.9	0	0.0	0	0.0	0	0.0	57	.3	1	.2	0	0.0	0	0.0	0	0.0
EAGLE	.5	146	.3	11	.3	7	.1	49	.2	1	.2	0	0.0	1	.2	1	.1
ELBERT	.2	1	.0	0	0.0	0	0.0	18	.1	0	0.0	0	0.0	0	0.0	0	0.0
EL PASO	10.6	6425	12.2	529	12.5	724	10.3	1827	9.1	41	7.3	26	7.1	63	13.4	89	10.6
FREMONT	1.0	347	.7	19	.4	43	.6	325	1.6	0	0.0	0	0.0	5	1.1	5	.6
GARFIELD	.8	672	1.3	32	.8	35	.5	129	.6	1	.2	1	.3	6	1.3	7	.8
GILPIN	.1	1	.0	0	0.0	1	.0	4	.0	0	0.0	0	0.0	0	0.0	0	0.0
GRAND	.3	157	.3	17	.4	9	.1	40	.2	2	.4	0	0.0	1	.2	1	.1
GUNNISON	.4	154	.3	10	.2	11	.2	55	.3	1	.2	1	.3	3	.6	4	.5
HINSDALE	.0	0	0.0	0	0.0	0	0.0	4	.0	0	0.0	0	0.0	0	0.0	0	0.0
HUERFANO	.2	33	.1	2	.0	10	.1	50	.2	0	0.0	0	0.0	1	.2	1	.1
JACKSON	.1	1	.0	0	0.0	1	.0	7	.0	0	0.0	0	0.0	0	0.0	0	0.0
JEFFERSON	13.1	2275	4.3	181	4.3	99	1.4	1635	8.2	24	4.3	13	3.6	27	5.7	40	4.8
KIOWA	.1	19	.0	1	.0	1	.0	20	.1	0	0.0	0	0.0	0	0.0	0	0.0
KIT CARSON	.3	134	.3	4	.1	10	.1	52	.3	2	.4	2	.5	2	.4	4	.5
LAKE	.3	212	.4	33	.8	25	.4	29	.1	0	0.0	0	0.0	2	.4	2	.2
LA PLATA	.9	784	1.5	61	1.4	56	.8	237	1.2	4	.7	2	.5	8	1.7	10	1.2
LARIMER	5.0	2556	4.9	170	4.0	240	3.4	916	4.6	19	3.4	7	1.9	26	5.5	33	3.9
LAS ANIMAS	.5	206	.4	16	.4	30	.4	144	.7	0	0.0	0	0.0	4	.8	4	.5
LINCOLN	.2	110	.2	5	.1	7	.1	65	.3	0	0.0	0	0.0	1	.2	1	.1
LOGAN	.7	359	.7	18	.4	34	.5	152	.8	1	.2	1	.3	3	.6	4	.5
MESA	2.9	1874	3.6	107	2.5	163	2.3	762	3.8	22	3.9	12	3.3	22	4.7	34	4.1
MINERAL	.0	0	0.0	0	0.0	0	0.0	8	.0	0	0.0	0	0.0	0	0.0	0	0.0

APPENDIX A, TABLE A-6

LIVE BIRTHS, LOW BIRTHWEIGHT BIRTHS, ILLEGITIMATE BIRTHS, TOTAL DEATHS, INFANT, NEONATAL, FETAL (20+ WEEKS GESTATION) AND PERINATAL DEATHS, WITH PERCENTAGE OF TOTAL - COLORADO OCCURRENCE, 1981

COUNTY	EST. 1981 POPULATION (%)	BIRTHS						DEATHS									
		LIVE BIRTHS		LOW BIRTH WEIGHT		ILLEGITIMATE BIRTHS		TOTAL DEATHS		INFANT DEATHS		NEONATAL DEATHS		FETAL DEATHS		PERINATAL DEATHS	
		NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%
MOFFAT	.5	336	.6	31	.7	15	.2	65	.3	0	0.0	0	0.0	3	.6	3	.4
MONTEZUMA	.6	327	.6	15	.4	40	.6	115	.6	3	.5	1	.3	3	.6	4	.5
MONTROSE	.8	416	.8	32	.8	31	.4	165	.8	4	.7	1	.3	6	1.3	7	.8
MORGAN	.8	363	.7	31	.7	34	.5	209	1.0	2	.4	1	.3	3	.6	4	.5
OTERO	.7	475	.9	30	.7	69	1.0	250	1.2	4	.7	3	.8	4	.8	7	.8
OURAY	.1	2	.0	1	.0	0	0.0	5	.0	0	0.0	0	0.0	0	0.0	0	0.0
PARK	.2	32	.1	4	.1	2	.0	31	.2	0	0.0	0	0.0	0	0.0	0	0.0
PHILLIPS	.2	104	.2	5	.1	7	.1	38	.2	0	0.0	0	0.0	1	.2	1	.1
PITKIN	.4	132	.3	7	.2	6	.1	56	.3	1	.2	1	.3	2	.4	3	.4
PROWERS	.4	286	.5	13	.3	45	.6	99	.5	0	0.0	0	0.0	1	.2	1	.1
PUEBLO	4.2	2024	3.9	165	3.9	440	6.3	1115	5.6	17	3.0	12	3.3	17	3.6	29	3.5
RIO BLANCO	.2	132	.3	5	.1	7	.1	50	.2	3	.5	2	.5	0	0.0	2	.2
RIO GRANDE	.4	260	.5	26	.6	55	.8	95	.5	2	.4	1	.3	3	.6	4	.5
ROUTT	.5	244	.5	16	.4	11	.2	42	.2	1	.2	0	0.0	4	.8	4	.5
SAGUACHE	.1	2	.0	0	0.0	0	0.0	9	.0	0	0.0	0	0.0	0	0.0	0	0.0
SAN JUAN	.0	0	0.0	0	0.0	0	0.0	5	.0	0	0.0	0	0.0	0	0.0	0	0.0
SAN MIGUEL	.1	38	.1	2	.0	3	.0	6	.0	0	0.0	0	0.0	0	0.0	0	0.0
SEDGWICK	.1	23	.0	1	.0	2	.0	29	.1	0	0.0	0	0.0	0	0.0	0	0.0
SUMMIT	.3	20	.0	0	0.0	3	.0	30	.1	2	.4	2	.5	0	0.0	2	.2
TELLER	.3	2	.0	0	0.0	0	0.0	20	.1	0	0.0	0	0.0	0	0.0	0	0.0
WASHINGTON	.2	36	.1	2	.0	1	.0	45	.2	0	0.0	0	0.0	0	0.0	0	0.0
WELD	4.2	1626	3.1	104	2.5	182	2.6	670	3.3	8	1.4	4	1.1	14	3.0	18	2.2
YUMA	.3	164	.3	3	.1	5	.1	100	.5	1	.2	1	.3	2	.4	3	.4
REGION 1	2.2	1049	2.0	60	1.4	83	1.2	573	2.9	4	.7	3	.8	9	1.9	12	1.4
REGION 2	9.2	4182	8.0	274	6.5	422	6.0	1586	7.9	27	4.8	11	3.0	40	8.5	51	6.1
REGION 3	56.6	29920	57.0	2613	61.6	4513	64.2	11292	56.4	406	72.5	276	75.6	245	52.0	521	62.3
REGION 4	11.1	6459	12.3	533	12.6	726	10.3	1878	9.4	41	7.3	26	7.1	63	13.4	89	10.6
REGION 5	.7	265	.5	11	.3	18	.3	152	.8	3	.5	3	.8	3	.6	6	.7
REGION 6	1.7	930	1.8	54	1.3	122	1.7	502	2.5	6	1.1	4	1.1	7	1.5	11	1.3
REGION 7	4.9	2263	4.3	183	4.3	480	6.8	1309	6.5	17	3.0	12	3.3	22	4.7	34	4.1
REGION 8	1.3	832	1.6	65	1.5	150	2.1	247	1.2	4	.7	2	.5	7	1.5	9	1.1
REGION 9	1.7	1123	2.1	78	1.8	97	1.4	384	1.9	8	1.4	3	.8	11	2.3	14	1.7
REGION 10	2.1	936	1.8	62	1.5	79	1.1	429	2.1	6	1.1	3	.8	13	2.8	16	1.9
REGION 11	4.5	3014	5.7	175	4.1	220	3.1	1006	5.0	26	4.6	15	4.1	31	6.6	46	5.5
REGION 12	2.0	700	1.3	51	1.2	37	.5	224	1.1	7	1.2	3	.8	8	1.7	11	1.3
REGION 13	1.8	831	1.6	81	1.9	83	1.2	456	2.3	5	.9	4	1.1	12	2.5	16	1.9
HSA I	68.8	35416	67.5	2958	69.8	5036	71.6	13603	67.9	440	78.6	293	80.3	297	63.1	590	70.6
HSA II	20.9	11315	21.6	916	21.6	1561	22.2	4392	21.9	73	13.0	48	13.2	111	23.6	159	19.0
HSA III	10.4	5773	11.0	366	8.6	433	6.2	2043	10.2	47	8.4	24	6.6	63	13.4	87	10.4

APPENDIX A, TABLE A-7

BIRTH, FERTILITY AND PREGNANCY RATES, WITH SELECTED BIRTH STATISTICS - COLORADO RESIDENTS, 1981

COUNTY	EST. 1981 POPULATION	BIRTH RATE*	WOMEN AGE 15-44	FERTILITY RATE*	PREGNANCY					WOMEN GIVING LIVE BIRTH		
					TOTAL	RATE*	LIVE BIRTHS	FETALS 20+WKS	INDUCED ABORTION	% 1ST BORN	% UNDER AGE 25	% 12+ YRS EDUCATION
COLORADO ...	2965000	17.6	751175	69.4	66361	88.3	52104	457	13800	45.1	45.7	79.8
ADAMS	252500	19.3	65939	74.0	5885	89.2	4880	37	968	45.5	55.9	76.0
ALAMOSA	12400	20.6	3151	80.9	304	96.5	255	1	48	37.3	47.8	79.2
ARAPAHOE	307000	17.0	82231	63.6	6471	78.7	5231	41	1199	47.0	35.0	89.0
ARCHULETA	4000	19.5	882	88.4	97	110.0	78	0	19	37.2	41.0	73.1
BACA	5400	16.5	1067	83.4	97	90.9	89	1	7	39.3	58.4	73.0
BENT	6000	14.0	1123	74.8	95	84.6	84	1	10	32.1	50.0	61.9
BOULDER	195800	15.6	55706	54.7	4773	85.7	3045	15	1713	47.4	35.4	83.2
CHAFFEE	13400	16.9	2809	80.4	252	89.7	226	5	21	42.5	52.7	81.9
CHEYENNE	2100	18.1	402	94.6	42	104.5	38	0	4	42.1	76.3	86.8
CLEAR CREEK	7600	24.1	1890	96.8	221	117.0	183	4	34	50.3	31.7	89.1
CONEJOS	7800	22.8	1600	111.2	187	116.9	178	2	7	32.6	56.2	72.5
COSTILLA	3100	21.0	641	101.4	71	110.8	65	1	5	38.5	53.8	72.3
CROWLEY	3100	16.5	563	90.5	54	95.9	51	1	2	43.1	62.7	76.5
CUSTER	1600	12.5	328	61.0	23	70.2	20	0	3	25.0	45.0	85.0
DELTA	21900	16.8	4276	85.8	392	91.7	367	4	21	36.0	50.4	77.1
DENVER	499000	17.4	123800	70.0	11424	92.3	8663	81	2680	46.3	49.9	67.3
DOLORES	1800	17.8	367	87.2	37	100.8	32	0	5	37.5	62.5	75.0
DOUGLAS	25900	16.1	6568	63.3	468	71.2	416	2	50	39.7	25.7	91.6
EAGLE	14400	23.2	4403	75.9	419	95.2	334	2	83	52.1	35.3	88.3
ELBERT	7100	16.8	1694	70.3	130	76.8	119	1	10	32.8	33.6	90.8
EL PASO	314800	19.9	79539	78.7	8089	101.7	6259	62	1768	46.1	53.9	82.0
FREMONT	29100	13.7	5503	72.3	455	82.7	398	3	54	43.2	55.5	79.4
GARFIELD	24900	22.0	6237	87.7	618	99.1	547	6	65	41.1	40.8	87.4
GILPIN	2600	23.1	663	90.6	75	113.2	60	1	14	48.3	26.7	85.0
GRAND	8400	20.4	2225	76.9	217	97.5	171	2	44	43.9	37.4	84.8
GUNNISON	11300	13.5	3350	45.7	239	71.3	153	2	84	49.7	32.0	95.4
HINSDALE	400	17.5	98	71.4	13	132.6	7	1	5	28.6	28.6	100.0
HUERFANO	6500	14.0	1203	75.6	115	95.6	91	2	22	39.6	52.7	75.8
JACKSON	1800	16.7	429	69.9	36	83.9	30	0	6	53.3	43.3	80.0
JEFFERSON	389100	15.5	100853	59.6	7491	74.3	6012	49	1430	46.2	34.1	88.3
KIOWA	1900	18.4	305	114.7	36	117.9	35	0	1	48.6	62.9	77.1
KIT CARSON	7500	17.2	1523	84.7	142	93.2	129	2	11	39.5	50.4	83.7
LAKE	9100	26.4	2334	102.8	274	117.4	240	3	31	49.6	60.8	81.3
LA PLATA	27900	16.2	7199	62.6	725	100.7	451	6	268	40.6	41.9	88.7
LARIMER	148400	16.8	41018	60.9	3527	86.0	2496	23	1008	47.0	39.7	85.8
LAS ANIMAS	15200	16.4	2918	85.7	271	92.9	250	5	16	42.0	58.4	75.2
LINCOLN	4600	18.5	889	95.6	96	108.0	85	2	9	43.5	56.8	80.0
LOGAN	20200	18.1	4511	80.9	418	92.7	365	4	49	35.9	51.2	79.7
MESA	87100	20.0	20787	83.8	1832	88.1	1743	14	75	40.7	49.5	80.7
MINERAL	900	13.3	212	56.7	14	66.2	12	0	2	58.3	66.7	66.7

*BIRTH RATE IS LIVE BIRTHS PER 1,000 POPULATION.
FERTILITY RATE IS LIVE BIRTHS PER 1,000 WOMEN AGE 15-44 YEARS.
PREGNANCY RATE IS LIVE BIRTHS, FETAL DEATHS (20+ WEEKS GESTATION) AND INDUCED ABORTIONS PER 1,000 WOMEN AGE 15-44 YEARS.

NOTE: 15-44 YEAR OLD FEMALE POPULATIONS ARE PRO-RATA ESTIMATES.
RATES BASED ON FEW ACTUAL CASES SHOULD BE USED WITH CAUTION.

APPENDIX A, TABLE A-7

BIRTH, FERTILITY AND PREGNANCY RATES, WITH SELECTED BIRTH STATISTICS - COLORADO RESIDENTS, 1981

COUNTY	EST. 1981 POPULATION	BIRTH RATE*	WOMEN AGE 15-44	FERTILITY RATE*	PREGNANCY					WOMEN GIVING LIVE BIRTH		
					TOTAL	RATE*	LIVE BIRTHS	FETALS 20+WKS	INDUCED ABORTION	% 1ST BORN	% UNDER AGE 25	% 12+ YRS EDUCATION
MOFFAT	13400	24.3	3344	97.5	351	105.0	326	3	22	44.2	52.8	75.8
MONTEZUMA	17200	19.4	3827	87.3	431	112.6	334	4	93	43.1	49.1	73.1
MONTROSE	24900	16.9	5509	76.6	470	85.3	422	5	43	43.4	53.6	82.5
MORGAN	22700	19.4	4964	88.8	520	104.8	441	6	73	37.9	54.2	74.4
OTERO	22000	16.8	4540	81.5	452	99.6	370	4	78	40.0	54.1	69.7
OURAY	2000	20.0	461	86.7	48	104.1	40	1	7	50.0	35.0	80.0
PARK	5700	18.6	1427	74.3	120	84.1	106	0	14	39.6	29.2	86.8
PHILLIPS	4700	16.6	882	88.5	81	91.9	78	1	2	32.1	44.9	79.5
PITKIN	11300	11.3	3791	33.8	213	56.2	128	2	83	60.9	21.9	93.0
PROWERS	13100	23.0	2829	106.4	348	123.0	301	1	46	34.2	57.5	61.1
PUEBLO	124700	15.5	27898	69.1	2337	83.8	1928	14	395	43.8	53.6	76.8
RIO BLANCO	7000	22.7	1652	96.3	162	98.1	159	1	2	44.0	55.3	77.4
RIO GRANDE	10900	23.1	2317	108.8	276	119.1	252	2	22	40.1	53.2	67.9
ROUTT	13700	19.6	3916	68.7	421	107.5	269	3	149	50.2	31.6	95.5
SAGUACHE	4000	21.0	837	100.4	94	112.4	84	1	9	38.1	61.9	61.9
SAN JUAN	900	18.9	226	75.3	26	115.1	17	0	9	29.4	29.4	88.2
SAN MIGUEL	3000	22.3	841	79.7	94	111.7	67	0	27	38.8	25.4	94.0
SEDGWICK	3200	14.1	564	79.7	49	86.8	45	0	4	33.3	48.9	84.4
SUMMIT	9800	20.1	3105	63.5	296	95.3	197	0	99	55.3	24.4	95.4
TELLER	8500	19.2	2120	76.9	193	91.0	163	2	28	50.3	28.2	92.0
WASHINGTON	5200	14.2	1003	73.8	84	83.8	74	0	10	39.2	41.9	89.2
WELD	123900	18.1	32472	68.9	2973	91.6	2238	19	716	43.2	48.5	72.8
YUMA	9700	18.2	1927	91.9	194	100.7	177	2	15	38.4	50.8	81.4
REGION 1	65700	18.0	13844	85.2	1346	97.2	1180	13	153	36.9	51.2	78.7
REGION 2	272300	17.4	73499	64.4	6500	88.4	4734	42	1724	45.2	43.9	79.6
REGION 3	1679500	17.0	437513	65.1	36808	84.1	28490	230	8088	46.3	42.8	79.4
REGION 4	329000	19.8	83088	78.6	8402	101.1	6528	64	1810	46.1	52.9	82.3
REGION 5	21300	17.4	4497	82.5	410	91.2	371	5	34	38.5	49.6	85.4
REGION 6	51500	18.1	10432	89.1	1082	103.7	930	8	144	37.8	56.0	67.2
REGION 7	146400	15.5	32036	70.8	2723	85.0	2269	21	433	43.5	54.1	76.6
REGION 8	39100	21.6	8743	96.8	946	108.2	846	7	93	37.6	53.3	72.0
REGION 9	51800	17.6	12517	72.9	1316	105.1	912	10	394	40.9	45.0	81.1
REGION 10	63500	16.6	14531	72.7	1256	86.4	1056	13	187	41.6	46.7	83.2
REGION 11	132400	21.0	32019	86.7	2963	92.5	2775	24	164	41.4	48.5	81.3
REGION 12	59400	19.0	17846	63.3	1602	89.8	1129	9	464	52.0	31.5	91.1
REGION 13	53200	16.6	10968	80.6	1004	91.5	884	11	109	44.3	56.0	80.7
HSA I	2038800	17.1	529343	65.7	45064	85.1	34775	290	9999	45.8	43.3	79.5
HSA II	619200	18.5	145166	78.9	14157	97.5	11457	111	2589	44.1	53.7	79.1
HSA III	307100	19.1	76831	76.4	7137	92.9	5872	56	1209	43.4	44.4	83.5

*BIRTH RATE IS LIVE BIRTHS PER 1,000 POPULATION.
FERTILITY RATE IS LIVE BIRTHS PER 1,000 WOMEN AGE 15-44 YEARS.
PREGNANCY RATE IS LIVE BIRTHS, FETAL DEATHS (20+ WEEKS GESTATION) AND INDUCED ABORTIONS PER 1,000 WOMEN AGE 15-44 YEARS.

NOTE: 15-44 YEAR OLD FEMALE POPULATIONS ARE PRO-RATA ESTIMATES.
RATES BASED ON FEW ACTUAL CASES SHOULD BE USED WITH CAUTION.

APPENDIX A, TABLE A-8
LIVE BIRTHS BY AGE GROUP OF MOTHER - COLORADO RESIDENTS, 1981

COUNTY	LIVE BIRTHS	AGE OF MOTHER -YEARS																
		UNDER 15 YRS		15-19		20-24		25-29		30-34		35-39		40-44		45+		NOT STATED
		NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	
COLORADO ...	52104	77	.1	6587	12.6	17137	32.9	16807	32.3	9170	17.6	2045	3.9	266	.5	12	.0	3
ADAMS	4880	3	.1	801	16.4	1922	39.4	1456	29.8	551	11.3	130	2.7	17	.3	0	0.0	0
ALAMOSA	255	0	0.0	41	16.1	81	31.8	86	33.7	41	16.1	6	2.4	0	0.0	0	0.0	0
ARAPAHOE	5231	2	.0	454	8.7	1374	26.3	1838	35.1	1270	24.3	268	5.1	24	.5	1	.0	0
ARCHULETA	78	0	0.0	9	11.5	23	29.5	34	43.6	6	7.7	5	6.4	1	1.3	0	0.0	0
BACA	89	0	0.0	15	16.9	37	41.6	22	24.7	11	12.4	4	4.5	0	0.0	0	0.0	0
BENT	84	0	0.0	14	16.7	28	33.3	26	31.0	11	13.1	5	6.0	0	0.0	0	0.0	0
BOULDER	3045	2	.1	233	7.7	842	27.7	1035	34.0	738	24.2	168	5.5	26	.9	1	.0	0
CHAFFEE	226	0	0.0	30	13.3	89	39.4	71	31.4	27	11.9	7	3.1	2	.9	0	0.0	0
CHEYENNE	38	0	0.0	9	23.7	20	52.6	6	15.8	3	7.9	0	0.0	0	0.0	0	0.0	0
CLEAR CREEK	183	0	0.0	10	5.5	48	26.2	77	42.1	43	23.5	5	2.7	0	0.0	0	0.0	0
CONEJOS	178	0	0.0	32	18.0	68	38.2	54	30.3	16	9.0	6	3.4	2	1.1	0	0.0	0
COSTILLA	65	0	0.0	12	18.5	23	35.4	21	32.3	6	9.2	1	1.5	2	3.1	0	0.0	0
CROWLEY	51	0	0.0	13	25.5	19	37.3	11	21 6	4	7.8	4	7.8	0	0.0	0	0.0	0
CUSTER	20	0	0.0	3	15.0	6	30.0	6	30.0	3	15.0	2	10.0	0	0.0	0	0.0	0
DELTA	367	1	.3	62	16.9	122	33.2	116	31.6	47	12.8	13	3.5	6	1.6	0	0.0	0
DENVER	8663	26	.3	1374	15.9	2920	33.7	2529	29.2	1428	16.5	327	3.8	54	.6	4	.0	1
DOLORES	32	0	0.0	6	18.8	14	43.8	8	25.0	4	12.5	0	0.0	0	0.0	0	0.0	0
DOUGLAS	416	0	0.0	24	5.8	83	20.0	169	40.6	108	26.0	28	6.7	4	1.0	0	0.0	0
EAGLE	334	0	0.0	34	10.2	84	25.1	141	42.2	67	20.1	7	2.1	1	.3	0	0.0	0
ELBERT	119	0	0.0	9	7.6	31	26.1	36	30.3	29	24.4	13	10.9	1	.8	0	0.0	0
EL PASO	6259	11	.2	929	14.8	2435	38.9	1763	28.2	913	14.6	181	2.9	27	.4	0	0.0	0
FREMONT	398	0	0.0	57	14.3	164	41.2	118	29.6	51	12.8	7	1.8	1	.3	0	0.0	0
GARFIELD	547	0	0.0	44	8.0	179	32.7	188	34.4	106	19.4	24	4.4	6	1.1	0	0.0	0
GILPIN	60	0	0.0	3	5.0	13	21.7	22	36.7	20	33.3	2	3.3	0	0.0	0	0.0	0
GRAND	171	0	0.0	10	5.8	54	31.6	70	40.9	28	16 4	8	4.7	1	.6	0	0.0	0
GUNNISON	153	0	0.0	9	5.9	40	26.1	69	45.1	29	19.0	6	3.9	0	0.0	0	0.0	0
HINSDALE	7	0	0.0	0	0.0	2	28.6	4	57.1	1	14.3	0	0.0	0	0.0	0	0.0	0
HUERFANO	91	1	1.1	14	15.4	33	36.3	27	29.7	11	12.1	5	5.5	0	0.0	0	0.0	0
JACKSON	30	0	0.0	4	13.3	9	30.0	11	36.7	5	16.7	1	3.3	0	0.0	0	0.0	0
JEFFERSON	6012	4	.1	460	7.7	1586	26.4	2270	37.8	1363	22.7	303	5.0	24	.4	1	.0	1
KIOWA	35	0	0.0	10	28.6	12	34.3	7	20.0	5	14.3	1	2.9	0	0.0	0	0.0	0
KIT CARSON	129	0	0.0	14	10.9	51	39.5	42	32.6	16	12.4	5	3.9	0	0.0	1	.8	0
LAKE	240	1	.4	47	19.6	93	40.8	64	26.7	24	10.0	6	2.5	0	0.0	0	0.0	0
LA PLATA	451	0	0.0	36	8.0	153	33.9	151	33.5	83	18.4	27	6.0	1	.2	0	0.0	0
LARIMER	2496	4	.2	228	9.1	760	30.4	919	36.8	485	19.4	92	3.7	8	.3	0	0.0	0
LAS ANIMAS	250	4	1.6	50	20.0	92	36.8	60	24.0	30	12.0	13	5.2	1	.4	0	0.0	0
LINCOLN	85	0	0.0	15	17.6	35	41.2	19	22.4	12	14.1	4	4.7	0	0.0	0	0.0	0
LOGAN	365	0	0.0	43	11.8	144	39.5	128	35.1	40	11.0	8	2.2	2	.5	0	0.0	0
MESA	1743	0	0.0	221	12.7	642	36.8	566	32.5	270	15.5	39	2.2	5	.3	0	0.0	0
MINERAL	12	0	0.0	1	8.3	7	58.3	3	25.0	1	8.3	0	0.0	0	0.0	0	0.0	0

NOTE - PERCENTAGES SHOWN ARE OF COUNTY TOTALS.

APPENDIX A, TABLE A-8
LIVE BIRTHS BY AGE GROUP OF MOTHER - COLORADO RESIDENTS, 1981

COUNTY	LIVE BIRTHS	AGE OF MOTHER -YEARS																NOT STATED
		UNDER 15 YRS		15-19		20-24		25-29		30-34		35-39		40-44		45+		
		NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	
MOFFAT	326	0	0.0	47	14.4	125	38.3	101	31.0	43	13.2	8	2.5	2	.6	0	0.0	0
MONTEZUMA	334	2	.6	49	14.7	113	33.8	93	27.8	58	17.4	17	5.1	2	.6	0	0.0	0
MONTROSE	422	0	0.0	65	15.4	161	38.2	113	26.8	66	15.6	13	3.1	3	.7	1	.2	0
MORGAN	441	1	.2	65	14.7	173	39.2	127	28.8	52	11.8	21	4.8	2	.5	0	0.0	0
OTERO	370	2	.5	74	20.0	124	33.5	106	28.6	50	13.5	11	3.0	2	.5	1	.3	0
OURAY	40	0	0.0	5	12.5	9	22.5	13	32.5	9	22.5	3	7.5	1	2.5	0	0.0	0
PARK	106	0	0.0	8	7.5	23	21.7	41	38.7	27	25.5	7	6.6	0	0.0	0	0.0	0
PHILLIPS	78	0	0.0	9	11.5	26	33.3	28	35.9	15	19.2	0	0.0	0	0.0	0	0.0	0
PITKIN	128	0	0.0	2	1.6	26	20.3	36	28.1	48	37.5	15	11.7	1	.8	0	0.0	0
PROWERS	301	0	0.0	71	23.6	102	33.9	80	26.6	34	11.3	13	4.3	1	.3	0	0.0	0
PUEBLO	1928	7	.4	317	16.4	710	36.8	552	28.6	259	13.4	69	3.6	13	.7	1	.1	0
RIO BLANCO	159	0	0.0	25	15.7	63	39.6	53	33.3	18	11.3	0	0.0	0	0.0	0	0.0	0
RIO GRANDE	252	0	0.0	45	17.9	89	35.3	65	25.8	38	15.1	12	4.8	3	1.2	0	0.0	0
ROUTT	269	0	0.0	15	5.6	70	26.0	114	42.4	55	20.4	12	4.5	3	1.1	0	0.0	0
SAGUACHE	84	0	0.0	22	26.2	30	35.7	23	27.4	4	4.8	5	6.0	0	0.0	0	0.0	0
SAN JUAN	17	0	0.0	3	17.6	2	11.8	5	29.4	6	35.3	1	5.9	0	0.0	0	0.0	0
SAN MIGUEL	67	0	0.0	4	6.0	13	19.4	23	34.3	24	35.8	3	4.5	0	0.0	0	0.0	0
SEDGWICK	45	0	0.0	5	11.1	17	37.8	14	31.1	7	15.6	2	4.4	0	0.0	0	0.0	0
SUMMIT	197	0	0.0	5	2.5	43	21.8	86	43.7	51	25.9	12	6.1	0	0.0	0	0.0	0
TELLER	163	0	0.0	14	8.6	32	19.6	68	41.7	39	23.9	10	6.1	0	0.0	0	0.0	0
WASHINGTON	74	0	0.0	11	14.9	20	27.0	26	35.1	15	20.3	2	2.7	0	0.0	0	0.0	0
WELD	2238	6	.3	322	14.4	757	33.8	736	32.9	324	14.5	76	3.4	15	.7	1	.0	1
YUMA	177	0	0.0	24	13.6	66	37.3	61	34.5	22	12.4	2	1.1	2	1.1	0	0.0	0
REGION 1	1180	1	.1	157	13.3	446	37.8	384	32.5	151	12.8	35	3.0	6	.5	0	0.0	0
REGION 2	4734	10	.2	550	11.6	1517	32.0	1655	35.0	809	17.1	168	3.5	23	.5	1	.0	1
REGION 3	28490	37	.1	3359	11.8	8788	30.8	9396	33.0	5521	19.4	1231	4.3	149	.5	7	.0	2
REGION 4	6528	11	.2	951	14.6	2490	38.1	1872	28.7	979	15.0	198	3.0	27	.4	0	0.0	0
REGION 5	371	0	0.0	47	12.7	137	36.9	103	27.8	60	16.2	22	5.9	1	.3	1	.3	0
REGION 6	930	2	.2	197	21.2	322	34.6	252	27.1	115	12.4	38	4.1	3	.3	1	.1	0
REGION 7	2269	12	.5	381	16.8	835	36.8	639	28.2	300	13.2	87	3.8	14	.6	1	.0	0
REGION 8	846	0	0.0	153	18.1	298	35.2	252	29.8	106	12.5	30	3.5	7	.8	0	0.0	0
REGION 9	912	2	.2	103	11.3	305	33.4	291	31.9	157	17.2	50	5.5	4	.4	0	0.0	0
REGION 10	1056	1	.1	145	13.7	347	32.9	338	32.0	176	16.7	38	3.6	10	.9	1	.1	0
REGION 11	2775	0	0.0	337	12.1	1009	36.4	908	32.7	437	15.7	71	2.6	13	.5	0	0.0	0
REGION 12	1129	0	0.0	70	6.2	286	25.3	458	40.6	254	22.5	55	4.9	6	.5	0	0.0	0
REGION 13	884	1	.1	137	15.5	357	40.4	259	29.3	105	11.9	22	2.5	3	.3	0	0.0	0
HSA I	34775	48	.1	4113	11.8	10888	31.3	11538	33.2	6541	18.8	1456	4.2	179	.5	9	.0	3
HSA II	11457	26	.2	1819	15.9	4302	37.5	3274	28.6	1605	14.0	375	3.3	54	.5	2	.0	0
HSA III	5872	3	.1	655	11.2	1947	33.2	1995	34.0	1024	17.4	214	3.6	33	.6	1	.0	0

NOTE - PERCENTAGES SHOWN ARE OF COUNTY TOTALS.

APPENDIX A, TABLE A-9
LIVE BIRTHS BY RACE, SPANISH ORIGIN AND SEX OF CHILD - COLORADO RESIDENTS, 1981

COUNTY	ALL RACES			WHITE									NON-WHITE		
				TOTAL WHITE			ANGLO-WHITE			SPANISH SURNAME					
	TOTAL	MALES	FMLES	TOTAL	MALES	FMLES	TOTAL	MALES	FMLES	TOTAL	MALES	FMLES	TOTAL	MALES	FMLES
COLORADO ...	52104	26584	25520	47701	24284	23417	40133	20501	19632	7568	3783	3785	4403	2300	2103
ADAMS	4880	2518	2362	4522	2339	2183	3687	1914	1773	835	425	410	358	179	179
ALAMOSA	255	139	116	251	136	115	173	94	79	78	42	36	4	3	1
ARAPAHOE	5231	2657	2574	4765	2414	2351	4539	2313	2226	226	101	125	466	243	223
ARCHULETA	78	46	32	78	46	32	56	29	27	22	17	5	0	0	0
BACA	89	46	43	86	45	41	74	38	36	12	7	5	3	1	2
BENT	84	36	48	83	36	47	62	29	33	21	7	14	1	0	1
BOULDER	3045	1516	1529	2876	1438	1438	2591	1295	1296	285	143	142	169	78	91
CHAFFEE	226	122	104	219	119	100	197	109	88	22	10	12	7	3	4
CHEYENNE	38	20	18	38	20	18	38	20	18	0	0	0	0	0	0
CLEAR CREEK	183	100	83	180	97	83	175	94	81	5	3	2	3	3	0
CONEJOS	178	104	74	177	104	73	91	53	38	86	51	35	1	0	1
COSTILLA	65	32	33	65	32	33	26	16	10	39	16	23	0	0	0
CROWLEY	51	21	30	50	21	29	39	15	24	11	6	5	1	0	1
CUSTER	20	9	11	20	9	11	20	9	11	0	0	0	0	0	0
DELTA	367	191	176	360	187	173	319	166	153	41	21	20	7	4	3
DENVER	8663	4428	4235	6815	3462	3353	4522	2316	2206	2293	1146	1147	1848	966	882
DOLORES	32	16	16	32	16	16	32	16	16	0	0	0	0	0	0
DOUGLAS	416	221	195	406	219	187	388	207	181	18	12	6	10	2	8
EAGLE	334	180	154	328	177	151	286	161	125	42	16	26	6	3	3
ELBERT	119	57	62	115	57	58	114	56	58	1	1	0	4	0	4
EL PASO	6259	3226	3033	5332	2713	2619	4819	2445	2374	513	268	245	927	513	414
FREMONT	398	217	181	391	214	177	368	203	165	23	11	12	7	3	4
GARFIELD	547	273	274	541	270	271	516	256	260	25	14	11	6	3	3
GILPIN	60	33	27	59	32	27	56	31	25	3	1	2	1	1	0
GRAND	171	76	95	169	75	94	161	72	89	8	3	5	2	1	1
GUNNISON	153	74	79	151	72	79	142	70	72	9	2	7	2	2	0
HINSDALE	7	2	5	7	2	5	7	2	5	0	0	0	0	0	0
HUERFANO	91	48	43	91	48	43	51	25	26	40	23	17	0	0	0
JACKSON	30	13	17	28	11	17	28	11	17	0	0	0	2	2	0
JEFFERSON	6012	3022	2990	5786	2913	2873	5419	2742	2677	367	171	196	226	109	117
KIOWA	35	20	15	35	20	15	34	19	15	1	1	0	0	0	0
KIT CARSON	129	65	64	129	65	64	121	63	58	8	2	6	0	0	0
LAKE	240	114	126	236	111	125	173	85	88	63	26	37	4	3	1
LA PLATA	451	230	221	423	219	204	375	191	184	48	28	20	28	11	17
LARIMER	2496	1260	1236	2419	1216	1203	2208	1120	1088	211	96	115	77	44	33
LAS ANIMAS	250	139	111	250	139	111	148	85	63	102	54	48	0	0	0
LINCOLN	85	39	46	85	39	46	81	38	43	4	1	3	0	0	0
LOGAN	365	197	168	363	197	166	327	180	147	36	17	19	2	0	2
MESA	1743	859	884	1711	845	866	1547	764	783	164	81	83	32	14	18
MINERAL	12	7	5	12	7	5	12	7	5	0	0	0	0	0	0

APPENDIX A, TABLE A-9
LIVE BIRTHS BY RACE, SPANISH ORIGIN AND SEX OF CHILD - COLORADO RESIDENTS, 1981

COUNTY	ALL RACES			WHITE									NON-WHITE		
				TOTAL WHITE			ANGLO-WHITE			SPANISH SURNAME					
	TOTAL	MALES	FMLES	TOTAL	MALES	FMLES	TOTAL	MALES	FMLES	TOTAL	MALES	FMLES	TOTAL	MALES	FMLES
MOFFAT	326	179	147	325	178	147	303	166	137	22	12	10	1	1	0
MONTEZUMA	334	182	152	291	158	133	261	146	115	30	12	18	43	24	19
MONTROSE	422	214	208	415	210	205	357	178	179	58	32	26	7	4	3
MORGAN	441	235	206	432	232	200	354	191	163	78	41	37	9	3	6
OTERO	370	177	193	365	173	192	224	112	112	141	61	80	5	4	1
OURAY	40	18	22	39	17	22	38	16	22	1	1	0	1	1	0
PARK	106	51	55	101	47	54	99	46	53	2	1	1	5	4	1
PHILLIPS	78	40	38	76	38	38	69	35	34	7	3	4	2	2	0
PITKIN	128	62	66	125	61	64	117	55	62	8	6	2	3	1	2
PROWERS	301	147	154	299	145	154	227	102	125	72	43	29	2	2	0
PUEBLO	1928	986	942	1867	950	917	1118	573	545	749	377	372	61	36	25
RIO BLANCO	159	82	77	154	79	75	148	76	72	6	3	3	5	3	2
RIO GRANDE	252	124	128	252	124	128	149	70	79	103	54	49	0	0	0
ROUTT	269	140	129	264	137	127	259	136	123	5	1	4	5	3	2
SAGUACHE	84	48	36	84	48	36	37	22	15	47	26	21	0	0	0
SAN JUAN	17	9	8	17	9	8	15	9	6	2	0	2	0	0	0
SAN MIGUEL	67	36	31	66	35	31	64	34	30	2	1	1	1	1	0
SEDGWICK	45	25	20	44	25	19	38	20	18	6	5	1	1	0	1
SUMMIT	197	98	99	190	95	95	186	93	93	4	2	2	7	3	4
TELLER	163	74	89	162	74	88	161	74	87	1	0	1	1	0	1
WASHINGTON	74	39	35	73	38	35	70	36	34	3	2	1	1	1	0
WELD	2238	1161	1077	2200	1145	1055	1653	873	780	547	272	275	38	16	22
YUMA	177	84	93	176	84	92	164	79	85	12	5	7	1	0	1
REGION 1	1180	620	560	1164	614	550	1022	541	481	142	73	69	16	6	10
REGION 2	4734	2421	2313	4619	2361	2258	3861	1993	1868	758	368	390	115	60	55
REGION 3	28490	14495	13995	25409	12914	12495	21377	10912	10465	4032	2002	2030	3081	1581	1500
REGION 4	6528	3351	3177	5595	2834	2761	5079	2565	2514	516	269	247	933	517	416
REGION 5	371	181	190	367	181	186	354	177	177	13	4	9	4	0	4
REGION 6	930	447	483	918	440	478	660	315	345	258	125	133	12	7	5
REGION 7	2269	1173	1096	2208	1137	1071	1317	683	634	891	454	437	61	36	25
REGION 8	846	454	392	841	451	390	488	262	226	353	189	164	5	3	2
REGION 9	912	483	429	841	448	393	739	391	348	102	57	45	71	35	36
REGION 10	1056	535	521	1038	523	515	927	466	461	111	57	54	18	12	6
REGION 11	2775	1393	1382	2731	1372	1359	2514	1262	1252	217	110	107	44	21	23
REGION 12	1129	569	560	1104	556	548	1037	528	509	67	28	39	25	13	12
REGION 13	884	462	422	866	453	413	758	406	352	108	47	61	18	9	9
HSA I	34775	17717	17058	31559	16070	15489	26614	13623	12991	4945	2447	2498	3216	1647	1569
HSA II	11457	5887	5570	10428	5315	5113	8302	4231	4071	2126	1084	1042	1029	572	457
HSA III	5872	2980	2892	5714	2899	2815	5217	2647	2570	497	252	245	158	81	77

APPENDIX A, TABLE A-9 CONTINUED
LIVE BIRTHS BY RACE, SPANISH ORIGIN AND SEX OF CHILD - COLORADO RESIDENTS, 1981

COUNTY	NON WHITE									NON-SPANISH ORIGIN			SPANISH ORIGIN		
	BLACK			INDIAN			ASIAN AND OTHER								
	TOTAL	MALES	FMLES	TOTAL	MALES	FMLES	TOTAL	MALES	FMLES	TOTAL	MALES	FMLES	TOTAL	MALES	FMLES
COLORADO ...	2540	1309	1231	564	295	269	1239	696	603	44374	22711	21663	7730	3873	3857
ADAMS	197	91	106	59	27	32	102	61	41	3992	2064	1928	888	454	434
ALAMOSA	1	1	0	2	1	1	1	1	0	161	87	74	94	52	42
ARAPAHOE	236	120	116	56	32	24	174	91	83	5004	2549	2455	227	108	119
ARCHULETA	0	0	0	0	0	0	0	0	0	58	30	28	20	16	4
BACA	1	0	1	2	1	1	0	0	0	76	38	38	13	8	5
BENT	0	0	0	1	0	1	0	0	0	61	30	31	23	6	17
BOULDER	35	20	15	25	15	10	109	43	66	2779	1381	1398	266	135	131
CHAFFEE	0	0	0	4	2	2	3	1	2	203	112	91	23	10	13
CHEYENNE	0	0	0	0	0	0	0	0	0	37	20	17	1	0	1
CLEAR CREEK	0	0	0	3	3	0	0	0	0	178	97	81	5	3	2
CONEJOS	0	0	0	0	0	0	1	0	1	75	44	31	103	60	43
COSTILLA	0	0	0	0	0	0	0	0	0	10	7	3	55	25	30
CROWLEY	0	0	0	1	0	1	0	0	0	40	14	26	11	7	4
CUSTER	0	0	0	0	0	0	0	0	0	20	9	11	0	0	0
DELTA	1	0	1	3	1	2	3	3	0	334	170	164	33	21	12
DENVER	1302	665	637	136	78	58	410	223	187	6402	3294	3108	2261	1134	1127
DOLORES	0	0	0	0	0	0	0	0	0	32	16	16	0	0	0
DOUGLAS	2	1	1	5	0	5	3	1	2	408	215	193	8	6	2
EAGLE	2	0	2	2	1	1	2	2	0	292	163	129	42	17	25
ELBERT	0	0	0	4	0	4	0	0	0	118	56	62	1	1	0
EL PASO	627	342	285	59	35	24	241	136	105	5706	2958	2748	553	268	285
FREMONT	0	0	0	6	3	3	1	0	1	368	201	167	30	16	14
GARFIELD	1	0	1	2	2	0	3	1	2	524	259	265	23	14	9
GILPIN	0	0	0	0	0	0	1	1	0	59	33	26	1	0	1
GRAND	1	1	0	1	0	1	0	0	0	163	74	89	8	2	6
GUNNISON	0	0	0	2	2	0	0	0	0	145	72	73	8	2	6
HINSDALE	0	0	0	0	0	0	0	0	0	7	2	5	0	0	0
HUERFANO	0	0	0	0	0	0	0	0	0	54	28	26	37	20	17
JACKSON	0	0	0	1	1	0	1	1	0	30	13	17	0	0	0
JEFFERSON	49	24	25	42	14	28	135	71	64	5679	2877	2802	333	145	188
KIOWA	0	0	0	0	0	0	0	0	0	33	18	15	2	2	0
KIT CARSON	0	0	0	0	0	0	0	0	0	119	63	56	10	2	8
LAKE	0	0	0	4	3	1	0	0	0	171	83	88	69	31	38
LA PLATA	1	0	1	26	10	16	1	1	0	388	194	194	63	36	27
LARIMER	13	8	5	16	10	6	48	26	22	2296	1166	1130	200	94	106
LAS ANIMAS	0	0	0	0	0	0	0	0	0	122	71	51	128	68	60
LINCOLN	0	0	0	0	0	0	0	0	0	82	38	44	3	1	2
LOGAN	0	0	0	1	0	1	1	0	1	326	181	145	39	16	23
MESA	9	3	6	7	3	4	16	8	8	1624	801	823	119	58	61
MINERAL	0	0	0	0	0	0	0	0	0	12	7	5	0	0	0

APPENDIX A, TABLE A-9 CONTINUED
LIVE BIRTHS BY RACE, SPANISH ORIGIN AND SEX OF CHILD - COLORADO RESIDENTS, 1981

COUNTY	NON WHITE									NON-SPANISH ORIGIN			SPANISH ORIGIN		
	BLACK			INDIAN			ASIAN AND OTHER								
	TOTAL	MALES	FMLES	TOTAL	MALES	FMLES	TOTAL	MALES	FMLES	TOTAL	MALES	FMLES	TOTAL	MALES	FMLES
MOFFAT	0	0	0	1	1	0	0	0	0	304	165	139	22	14	8
MONTEZUMA	0	0	0	42	23	19	1	1	0	299	167	132	35	15	20
MONTROSE	1	1	0	3	1	2	3	2	1	365	180	185	57	34	23
MORGAN	1	1	0	5	2	3	3	0	3	356	189	167	85	46	39
OTERO	2	1	1	2	2	0	1	1	0	220	112	108	150	65	85
OURAY	0	0	0	1	1	0	0	0	0	40	18	22	0	0	0
PARK	0	0	0	2	1	1	3	3	0	104	50	54	2	1	1
PHILLIPS	0	0	0	2	2	0	0	0	0	72	38	34	6	2	4
PITKIN	0	0	0	2	0	2	1	1	0	125	61	64	3	1	2
PROWERS	1	1	0	1	1	0	0	0	0	222	102	120	79	45	34
PUEBLO	43	27	16	12	6	6	6	3	3	1113	572	541	815	414	401
RIO BLANCO	0	0	0	0	0	0	5	3	2	154	79	75	5	3	2
RIO GRANDE	0	0	0	0	0	0	0	0	0	145	67	78	107	57	50
ROUTT	0	0	0	3	2	1	2	1	1	264	139	125	5	1	4
SAGUACHE	0	0	0	0	0	0	0	0	0	33	18	15	51	30	21
SAN JUAN	0	0	0	0	0	0	0	0	0	17	9	8	0	0	0
SAN MIGUEL	0	0	0	1	1	0	0	0	0	65	34	31	2	2	0
SEDGWICK	0	0	0	0	0	0	1	0	1	39	19	20	6	6	0
SUMMIT	0	0	0	5	1	4	2	2	0	193	96	97	4	2	2
TELLER	0	0	0	0	0	0	1	0	1	158	73	85	5	1	4
WASHINGTON	0	0	0	1	1	0	0	0	0	72	38	34	2	1	1
WELD	14	2	12	10	6	4	14	8	6	1663	872	791	575	289	286
YUMA	0	0	0	1	0	1	0	0	0	163	78	85	14	6	8
REGION 1	1	1	0	10	5	5	5	0	5	1028	543	485	152	77	75
REGION 2	27	10	17	26	16	10	62	34	28	3959	2038	1921	775	383	392
REGION 3	1821	921	900	326	169	157	934	491	443	24501	12510	11991	3989	1985	2004
REGION 4	627	342	285	61	36	25	245	139	106	5968	3081	2887	560	270	290
REGION 5	0	0	0	4	0	4	0	0	0	356	177	179	15	4	11
REGION 6	4	2	2	7	4	3	1	1	0	652	314	338	278	133	145
REGION 7	43	27	16	12	6	6	6	3	3	1289	671	618	980	502	478
REGION 8	1	1	0	2	1	1	2	1	1	436	230	206	410	224	186
REGION 9	1	0	1	68	33	35	2	2	0	794	416	378	118	67	51
REGION 10	2	1	1	10	6	4	6	5	1	956	476	480	100	59	41
REGION 11	10	3	7	10	6	4	24	12	12	2606	1304	1302	169	89	80
REGION 12	3	1	2	14	5	9	8	7	1	1067	546	521	62	23	39
REGION 13	0	0	0	14	8	6	4	1	3	762	405	357	122	57	65
HSA I	1849	932	917	366	190	176	1001	525	476	29844	15268	14576	4931	2449	2482
HSA II	675	372	303	96	55	41	256	145	113	9107	4701	4406	2350	1186	1164
HSA III	16	5	11	102	50	52	40	26	14	5423	2742	2681	449	238	211

APPENDIX A, TABLE A-10
TOTAL DEATHS AND DEATH RATES BY SEX, AND PERCENT OF DEATHS BY SEX
AND SELECTED AGE GROUP - COLORADO RESIDENTS, 1981

COUNTY	TOTAL DEATHS		DEATHS BY SEX				PERCENT OF DEATHS BY SEX AND SELECTED AGE GROUP (EXC. INFANTS)								
			MALES		FEMALES		TOTAL			MALES			FEMALES		
	NO.	RATE*	NO.	RATE*	NO.	RATE*	1-24YRS	25-64	65+	1-24YRS	25-64	65+	1-24YRS	25-64	65+
COLORADO ...	19360	652.0	10444	709.7	8916	597.0	4.5	27.7	65.1	5.7	32.5	59.1	3.2	22.1	72.1
ADAMS	1273	504.2	719	574.6	554	434.9	5.3	38.3	52.5	5.4	44.5	46.3	5.1	30.3	60.5
ALAMOSA	77	621.0	50	816.5	27	430.2	1.3	32.5	64.9	2.0	40.0	56.0	0.0	18.5	81.5
ARAPAHOE	1395	454.4	734	484.1	661	425.4	4.9	33.7	57.8	6.5	39.2	50.3	3.0	27.5	66.3
ARCHULETA	33	825.0	17	839.9	16	809.7	12.1	33.3	51.5	5.9	35.3	58.8	18.8	31.3	43.8
BACA	53	981.5	37	1373.7	16	591.2	3.8	20.8	73.6	5.4	24.3	67.6	0.0	12.5	87.5
BENT	64	1066.7	39	1251.8	25	866.7	0.0	18.8	78.1	0.0	20.5	76.9	0.0	16.0	80.0
BOULDER	1003	512.3	541	547.9	462	476.0	4.8	27.4	65.0	6.7	33.5	57.3	2.6	20.3	74.0
CHAFFEE	105	783.6	55	795.5	50	770.9	2.9	29.5	64.8	5.5	40.0	52.7	0.0	18.0	78.0
CHEYENNE	21	1000.0	9	864.8	12	1132.9	0.0	28.6	66.7	0.0	22.2	77.8	0.0	33.3	58.3
CLEAR CREEK	35	460.5	21	521.0	14	392.3	5.7	34.3	51.4	4.8	38.1	52.4	7.1	28.6	50.0
CONEJOS	63	807.7	42	1087.5	21	533.3	4.8	12.7	79.4	7.1	14.3	73.8	0.0	9.5	90.5
COSTILLA	31	1000.0	19	1226.2	12	773.9	3.2	25.8	67.7	5.3	31.6	63.2	0.0	16.7	75.0
CROWLEY	42	1354.8	24	1589.9	18	1131.7	2.4	14.3	81.0	4.2	12.5	79.2	0.0	16.7	83.3
CUSTER	11	687.5	5	619.3	6	756.9	18.2	9.1	63.6	20.0	0.0	60.0	16.7	16.7	66.7
DELTA	247	1127.9	161	1487.6	86	776.4	2.8	23.5	72.1	3.7	28.0	65.8	1.2	15.1	83.7
DENVER	4603	922.4	2401	996.0	2202	853.7	3.3	26.0	69.1	3.9	31.8	62.4	2.5	19.6	76.4
DOLORES	12	666.7	7	775.9	5	556.9	0.0	16.7	83.3	0.0	28.6	71.4	0.0	0.0	100.0
DOUGLAS	84	324.3	41	315.4	43	333.4	7.1	32.1	51.2	14.6	34.1	43.9	0.0	30.2	58.1
EAGLE	44	305.6	30	380.6	14	214.8	11.4	38.6	43.2	10.0	46.7	36.7	14.3	21.4	57.1
ELBERT	35	493.0	27	740.9	8	231.5	0.0	37.1	62.9	0.0	37.0	63.0	0.0	37.5	62.5
EL PASO	1753	556.9	927	583.7	826	529.5	5.2	30.3	61.0	7.7	32.8	56.3	2.5	27.5	66.9
FREMONT	350	1202.7	215	1460.6	134	936.3	1.7	22.0	76.0	1.9	24.5	73.1	1.5	17.9	80.6
GARFIELD	153	614.5	93	733.8	60	490.8	9.8	31.4	56.9	15.1	37.6	44.1	1.7	21.7	76.7
GILPIN	11	423.1	8	569.0	3	251.3	0.0	63.6	36.4	0.0	75.0	25.0	0.0	33.3	66.7
GRAND	37	440.5	20	459.9	17	419.6	8.1	18.9	59.5	15.0	20.0	50.0	0.0	17.6	70.6
GUNNISON	44	389.4	21	340.4	23	448.3	6.8	27.3	63.6	0.0	38.1	61.9	13.0	17.4	65.2
HINSDALE	1	250.0	1	443.5	0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0
HUERFANO	69	1061.5	32	993.6	37	1128.3	1.4	15.9	81.2	3.1	12.5	84.4	0.0	18.9	78.4
JACKSON	13	722.2	10	1064.8	3	348.5	23.1	15.4	61.5	10.0	20.0	70.0	66.7	0.0	33.3
JEFFERSON	1986	510.4	1021	527.2	965	493.8	5.2	30.7	61.2	6.1	36.2	54.5	4.2	24.8	68.4
KIOWA	27	1421.1	11	1136.8	16	1716.1	0.0	14.8	85.2	0.0	9.1	90.9	0.0	18.8	81.3
KIT CARSON	59	786.7	32	856.1	27	717.6	5.1	6.8	84.7	6.3	9.4	84.4	3.7	3.7	85.2
LAKE	33	362.6	19	395.6	14	325.8	15.2	33.3	42.4	15.8	42.1	31.6	14.3	21.4	57.1
LA PLATA	197	706.1	96	684.1	101	728.3	5.6	30.5	61.9	6.3	38.5	52.1	5.0	22.8	71.3
LARIMER	923	622.0	481	653.1	442	591.3	4.8	22.4	69.7	5.4	26.8	65.1	4.1	17.6	74.7
LAS ANIMAS	173	1138.2	103	1392.0	70	897.4	2.3	20.2	75.1	3.9	23.3	70.9	0.0	15.7	81.4
LINCOLN	60	1304.3	30	1335.0	30	1275.1	3.3	26.7	70.0	3.3	43.3	53.3	3.3	10.0	86.7
LOGAN	167	826.7	92	925.6	75	731.0	3.6	25.1	69.5	5.4	26.1	68.3	1.3	24.0	73.3
MESA	653	749.7	377	874.6	276	627.4	6.4	24.2	66.2	8.0	27.9	61.8	4.3	19.2	72.1
MINERAL	4	444.4	1	213.2	3	696.1	0.0	25.0	75.0	0.0	100.0	0.0	0.0	0.0	100.0

*RATES ARE PER 100,000 PERSONS IN EACH GROUP.
NOTE: RATES BASED ON FEW ACTUAL CASES SHOULD BE VIEWED WITH CAUTION.
PRO-RATA ESTIMATES USING 1980 COUNTS USED FOR SEX-SPECIFIC DEATH RATES.

APPENDIX A, TABLE A-10
TOTAL DEATHS AND DEATH RATES BY SEX, AND PERCENT OF DEATHS BY SEX
AND SELECTED AGE GROUP - COLORADO RESIDENTS, 1981

COUNTY	TOTAL DEATHS		DEATHS BY SEX				PERCENT OF DEATHS BY SEX AND SELECTED AGE GROUP (EXC. INFANTS)								
			MALES		FEMALES		TOTAL			MALES			FEMALES		
	NO.	RATE*	NO.	RATE*	NO.	RATE*	1-24YRS	25-64	65+	1-24YRS	25-64	65+	1-24YRS	25-64	65+
MOFFAT	77	574.6	52	750.0	25	386.6	6.5	40.3	50.6	9.6	38.5	48.1	0.0	44.0	56.0
MONTEZUMA	120	697.7	61	723.1	59	673.2	10.0	23.3	64.2	13.1	24.6	57.4	6.8	22.0	71.2
MONTROSE	179	718.9	103	827.6	76	610.2	3.9	23.5	66.7	4.9	22.3	68.0	2.6	25.0	69.7
MORGAN	211	929.5	109	969.1	102	890.6	5.7	16.6	74.4	7.3	17.4	71.6	3.9	15.7	77.5
OTERO	248	1127.3	129	1208.9	119	1050.4	2.4	23.0	72.6	3.9	25.6	68.2	.8	20.2	77.3
OURAY	12	600.0	7	707.0	5	495.1	8.3	33.3	50.0	0.0	42.9	57.1	20.0	20.0	40.0
PARK	27	473.7	23	785.4	4	144.3	7.4	48.1	40.7	8.7	52.2	34.8	0.0	25.0	75.0
PHILLIPS	45	957.4	27	1167.4	18	754.0	0.0	15.6	84.4	0.0	18.5	81.5	0.0	11.1	88.9
PITKIN	33	292.0	22	370.9	11	204.9	12.1	57.6	24.2	9.1	63.6	27.3	18.2	45.5	18.2
PROWERS	122	931.3	72	1133.2	50	741.1	2.5	27.9	69.7	2.8	34.7	62.5	2.0	18.0	80.0
PUEBLO	1049	841.2	546	900.0	503	785.5	3.3	24.0	70.4	4.2	29.5	63.7	2.4	18.1	77.5
RIO BLANCO	40	571.4	16	441.3	24	711.3	10.0	20.0	60.0	18.8	12.5	56.3	4.2	25.0	62.5
RIO GRANDE	92	844.0	57	1050.4	35	639.5	3.3	21.7	70.7	3.5	21.1	71.9	2.9	22.9	68.6
ROUTT	49	357.7	26	355.3	23	360.4	4.1	34.7	59.2	7.7	46.2	46.2	0.0	21.7	73.9
SAGUACHE	26	650.0	16	787.4	10	508.1	3.8	23.1	69.2	6.3	25.0	68.8	0.0	20.0	70.0
SAN JUAN	5	555.6	1	208.5	4	951.7	0.0	60.0	40.0	0.0	0.0	100.0	0.0	75.0	25.0
SAN MIGUEL	11	366.7	7	433.3	4	288.9	27.3	27.3	45.5	42.9	28.6	28.6	0.0	25.0	75.0
SEDGWICK	34	1062.5	14	897.0	20	1220.1	2.9	11.8	85.3	0.0	21.4	78.6	5.0	5.0	90.0
SUMMIT	28	285.7	20	370.5	8	181.8	10.7	60.7	14.3	5.0	75.0	15.0	25.0	25.0	12.5
TELLER	43	505.9	26	603.5	17	405.6	2.3	41.9	48.8	3.8	42.3	46.2	0.0	41.2	52.9
WASHINGTON	65	1250.0	38	1435.0	27	1058.0	3.1	24.6	70.8	0.0	31.6	68.4	7.4	14.8	74.1
WELD	779	628.7	433	713.3	346	547.5	6.7	25.2	66.1	9.0	27.0	61.9	3.8	22.8	71.4
YUMA	121	1247.4	69	1445.1	52	1055.8	1.7	15.7	81.8	1.4	21.7	75.4	1.9	7.7	90.4
REGION 1	643	978.7	349	1074.3	294	885.2	3.6	19.1	75.4	4.0	22.3	71.6	3.1	15.3	79.9
REGION 2	1702	625.0	914	680.3	788	571.2	5.6	23.7	68.0	7.1	26.9	63.6	3.9	19.9	73.2
REGION 3	10390	618.6	5486	662.1	4904	576.3	4.3	29.7	63.4	5.2	35.6	56.5	3.2	23.1	71.2
REGION 4	1823	554.1	976	587.8	847	519.8	5.2	30.8	60.4	7.6	33.5	55.5	2.5	27.7	66.1
REGION 5	175	821.6	98	918.8	77	724.1	2.9	22.3	73.1	3.1	28.6	68.4	2.6	14.3	79.2
REGION 6	556	1079.6	312	1232.9	244	931.6	2.2	22.3	73.9	3.2	25.3	69.6	.8	18.4	79.5
REGION 7	1291	881.8	681	955.3	610	812.1	3.1	23.1	71.6	4.1	27.8	65.8	2.0	17.9	78.0
REGION 8	293	749.4	185	950.6	108	550.0	3.1	23.2	70.6	4.3	26.5	66.5	.9	17.6	77.8
REGION 9	367	708.5	182	703.4	185	713.6	7.4	28.3	62.1	8.2	33.0	55.5	6.5	23.8	68.6
REGION 10	494	778.0	300	929.8	194	621.1	4.3	24.1	69.0	4.7	27.0	65.3	3.6	19.6	74.7
REGION 11	923	697.1	538	811.0	385	582.8	7.2	26.5	63.1	9.7	30.1	57.2	3.6	21.6	71.2
REGION 12	204	343.4	128	402.3	76	275.5	9.8	38.7	44.1	9.4	47.7	38.3	10.5	23.7	53.9
REGION 13	499	938.0	295	1080.1	204	788.0	3.2	24.0	71.1	3.7	28.1	66.4	2.5	18.1	77.9
HSA I	12910	633.2	6847	680.6	6063	587.1	4.4	28.3	64.8	5.4	33.6	58.4	3.3	22.2	72.0
HSA II	4462	720.6	2449	791.6	2013	649.7	3.9	26.3	67.2	5.3	29.7	62.3	2.0	22.1	73.2
HSA III	1988	647.3	1148	734.6	840	556.9	6.7	27.5	62.4	8.1	31.7	57.0	4.9	21.8	69.9

*RATES ARE PER 100,000 PERSONS IN EACH GROUP.
NOTE: RATES BASED ON FEW ACTUAL CASES SHOULD BE VIEWED WITH CAUTION.
PRO-RATA ESTIMATES USING 1980 COUNTS USED FOR SEX-SPECIFIC DEATH RATES.

APPENDIX A, TABLE A-11
DEATHS BY AGE GROUP AT DEATH - COLORADO RESIDENTS, 1981

COUNTY	TOTAL DEATHS	AGE AT DEATH -YEARS												
		UNDER 1 YR	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 YRS & OVER
COLORADO ...	19360	517	99	50	79	237	409	762	688	1291	2627	3987	4702	3912
ADAMS	1273	50	13	3	6	19	26	82	63	115	228	262	233	173
ALAMOSA	77	1	1	0	0	0	0	4	2	9	10	13	19	18
ARAPAHOE	1395	50	10	2	12	14	30	64	73	128	205	267	284	256
ARCHULETA	33	1	1	0	0	1	2	1	2	3	5	5	6	6
BACA	53	1	1	0	0	0	1	0	1	2	8	12	14	13
BENT	64	2	0	0	0	0	0	1	2	2	7	16	19	15
BOULDER	1003	28	4	3	3	13	25	48	42	66	119	181	241	230
CHAFFEE	105	3	0	0	2	0	1	9	4	10	8	24	24	20
CHEYENNE	21	1	0	0	0	0	0	0	0	1	5	2	5	7
CLEAR CREEK	35	3	2	0	0	0	0	3	2	3	4	7	6	5
CONEJOS	63	2	0	0	0	2	1	1	0	3	4	20	15	15
COSTILLA	31	1	0	0	0	1	0	0	2	0	6	4	12	5
CROWLEY	42	1	0	0	0	1	0	1	0	1	4	11	15	8
CUSTER	11	1	1	0	1	0	0	0	1	0	0	5	2	0
DELTA	247	4	1	0	0	2	4	12	2	10	34	56	71	51
DENVER	4603	75	14	7	12	36	81	151	149	278	618	982	1234	966
DOLORES	12	0	0	0	0	0	0	0	0	2	0	5	3	2
DOUGLAS	84	8	0	1	0	4	1	5	7	5	10	8	26	9
EAGLE	44	3	0	0	0	0	5	5	2	5	5	9	6	4
ELBERT	35	0	0	0	0	0	0	1	2	2	8	4	12	6
EL PASO	1753	60	7	7	2	21	55	51	71	152	257	339	421	310
FREMONT	350	1	2	1	0	2	1	7	9	15	46	76	107	83
GARFIELD	153	3	1	1	0	5	8	13	12	8	15	29	33	25
GILPIN	11	0	0	0	0	0	0	2	0	2	3	1	0	3
GRAND	37	5	0	0	1	0	2	0	0	2	5	14	5	3
GUNNISON	44	1	0	0	0	0	3	3	2	3	4	7	11	10
HINSDALE	1	0	0	0	0	0	0	0	0	0	0	1	0	0
HUERFANO	69	1	0	0	0	1	0	4	1	0	6	23	15	18
JACKSON	13	0	0	1	0	0	2	0	0	0	2	6	1	1
JEFFERSON	1986	58	10	4	14	29	46	81	62	160	306	373	450	393
KIOWA	27	0	0	0	0	0	0	0	0	1	3	4	11	8
KIT CARSON	59	2	0	0	0	2	1	0	0	3	1	20	18	12
LAKE	33	3	2	1	0	0	2	4	4	2	1	6	3	5
LA PLATA	197	4	0	1	1	6	3	12	11	13	24	44	35	43
LARIMER	923	29	4	1	5	17	17	35	23	48	101	180	261	202
LAS ANIMAS	173	4	0	1	0	0	3	3	6	3	23	42	41	47
LINCOLN	60	0	0	0	1	0	1	2	1	4	9	13	9	20
LOGAN	167	3	2	0	0	0	4	4	2	10	26	28	39	49
MESA	653	21	2	1	3	15	21	24	14	37	83	135	147	150
MINERAL	4	0	0	0	0	0	0	1	0	0	0	1	1	1

APPENDIX A, TABLE A-11
DEATHS BY AGE GROUP AT DEATH - COLORADO RESIDENTS, 1981

COUNTY	TOTAL DEATHS	AGE AT DEATH -YEARS											
		UNDER 1 YR	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 YRS & OVER
MOFFAT	77	2	0	1	1	0	3	11	3	11	6	13	13	13
MONTEZUMA	120	3	0	0	0	8	4	6	3	4	15	29	26	22
MONTROSE	179	7	1	1	0	3	2	3	13	9	17	47	40	36
MORGAN	211	7	1	0	1	3	7	4	8	8	15	48	55	54
OTERO	248	5	2	0	0	1	3	6	4	13	34	45	72	63
OURAY	12	1	1	0	0	0	0	0	1	1	2	4	1	1
PARK	27	1	1	0	0	0	1	3	1	4	5	6	4	1
PHILLIPS	45	0	0	0	0	0	0	0	1	1	5	7	18	13
PITKIN	33	2	0	2	1	0	1	7	4	1	7	4	1	3
PROWERS	122	0	0	1	1	1	0	7	4	4	19	25	30	30
PUEBLO	1049	24	5	2	4	11	13	31	33	48	140	253	292	193
RIO BLANCO	40	4	1	0	0	1	2	1	1	2	4	7	9	8
RIO GRANDE	92	4	0	0	0	2	1	3	1	3	13	20	25	20
ROUTT	49	1	0	0	0	2	0	5	4	2	6	11	13	5
SAGUACHE	26	1	0	0	0	0	1	0	0	3	3	4	4	10
SAN JUAN	5	0	0	0	0	0	0	0	0	1	2	1	0	1
SAN MIGUEL	11	0	0	1	1	0	1	0	1	0	2	1	0	4
SEDGWICK	34	0	1	0	0	0	0	0	0	3	1	9	13	7
SUMMIT	28	4	0	1	0	1	1	8	3	2	4	2	2	0
TELLER	43	3	0	0	0	1	0	4	0	8	6	9	6	6
WASHINGTON	65	1	0	0	0	0	2	1	0	5	10	12	17	17
WELD	779	16	7	6	7	11	21	28	26	44	98	171	179	165
YUMA	121	1	1	0	0	1	0	0	3	6	10	24	27	48
REGION 1	643	12	5	0	1	4	13	9	14	33	67	128	169	188
REGION 2	1702	45	11	7	12	28	38	63	49	92	199	351	440	367
REGION 3	10390	272	53	20	47	115	209	436	398	757	1493	2081	2474	2035
REGION 4	1823	64	8	7	2	22	56	58	72	164	268	354	431	317
REGION 5	175	3	0	0	1	2	2	3	3	10	23	39	44	45
REGION 6	556	9	3	1	1	3	4	15	11	23	75	113	161	137
REGION 7	1291	29	5	3	4	12	16	38	40	51	169	318	348	258
REGION 8	293	9	1	0	0	5	3	9	5	18	36	62	76	69
REGION 9	367	8	1	1	1	15	9	19	16	23	46	84	70	74
REGION 10	494	13	3	2	1	5	10	18	19	23	59	116	123	102
REGION 11	923	30	4	3	4	21	34	49	30	58	108	184	202	196
REGION 12	204	15	0	4	2	3	11	25	13	12	29	46	28	16
REGION 13	499	8	5	2	3	2	4	20	18	27	55	111	136	108
HSA I	12910	332	69	27	61	149	262	511	464	892	1782	2599	3127	2635
HSA II	4462	119	22	13	10	44	83	140	146	283	603	958	1152	889
HSA III	1988	66	8	10	8	44	64	111	78	116	242	430	423	388

APPENDIX A, TABLE A-12
TOTAL DEATHS BY RACE, SPANISH ORIGIN AND SEX - COLORADO RESIDENTS, 1981

COUNTY	ALL RACES			WHITE									NON-WHITE		
				TOTAL WHITE			ANGLO-WHITE			SPANISH SURNAME					
	TOTAL	MALES	FMLES	TOTAL	MALES	FMLES	TOTAL	MALES	FMLES	TOTAL	MALES	FMLES	TOTAL	MALES	FMLES
COLORADO ...	19360	10444	3916	18645	10025	8620	17220	9145	8075	1425	880	545	715	419	296
ADAMS	1273	719	554	1235	698	537	1113	626	487	122	72	50	38	21	17
ALAMOSA	77	50	27	77	50	27	64	42	22	13	8	5	0	0	0
ARAPAHOE	1395	734	661	1358	712	646	1321	690	631	37	22	15	37	22	15
ARCHULETA	33	17	16	32	17	15	25	14	11	7	3	4	1	0	1
BACA	53	37	16	53	37	16	50	34	16	3	3	0	0	0	0
BENT	64	39	25	64	39	25	58	35	23	6	4	2	0	0	0
BOULDER	1003	541	462	991	533	458	954	511	443	37	22	15	12	8	4
CHAFFEE	105	55	50	105	55	50	99	51	48	6	4	2	0	0	0
CHEYENNE	21	9	12	20	9	11	20	9	11	0	0	0	1	0	1
CLEAR CREEK	35	21	14	35	21	14	33	20	13	2	1	1	0	0	0
CONEJOS	63	42	21	63	42	21	22	13	9	41	29	12	0	0	0
COSTILLA	31	19	12	31	19	12	7	4	3	24	15	9	0	0	0
CROWLEY	42	24	18	42	24	18	39	21	18	3	3	0	0	0	0
CUSTER	11	5	6	11	5	6	10	5	5	1	0	1	0	0	0
DELTA	247	161	86	247	161	86	237	153	84	10	8	2	0	0	0
DENVER	4603	2401	2202	4144	2133	2011	3737	1880	1657	407	253	154	459	268	191
DOLORES	12	7	5	12	7	5	11	6	5	1	1	0	0	0	0
DOUGLAS	84	41	43	83	40	43	76	34	42	7	6	1	1	1	0
EAGLE	44	30	14	44	30	14	40	29	11	4	1	3	0	0	0
ELBERT	35	27	8	35	27	8	34	26	8	1	1	0	0	0	0
EL PASO	1753	927	826	1657	870	787	1575	818	757	82	52	30	96	57	39
FREMONT	350	216	134	350	216	134	332	202	130	18	14	4	0	0	0
GARFIELD	153	93	60	153	93	60	150	90	60	3	3	0	0	0	0
GILPIN	11	8	3	11	8	3	10	7	3	1	1	0	0	0	0
GRAND	37	20	17	37	20	17	36	19	17	1	1	0	0	0	0
GUNNISON	44	21	23	44	21	23	43	20	23	1	1	0	0	0	0
HINSDALE	1	1	0	1	1	0	1	1	0	0	0	0	0	0	0
HUERFANO	69	32	37	69	32	37	50	23	27	19	9	10	0	0	0
JACKSON	13	10	3	13	10	3	13	10	3	0	0	0	0	0	0
JEFFERSON	1986	1021	965	1974	1014	960	1911	982	929	63	32	31	12	7	5
KIOWA	27	11	16	27	11	16	27	11	16	0	0	0	0	0	0
KIT CARSON	59	32	27	59	32	27	58	31	27	1	1	0	0	0	0
LAKE	33	19	14	33	19	14	26	13	13	7	6	1	0	0	0
LA PLATA	197	96	101	183	90	93	162	77	85	21	13	8	14	6	8
LARIMER	923	481	442	921	479	442	884	457	427	37	22	15	2	2	0
LAS ANIMAS	173	103	70	172	102	70	122	69	53	50	33	17	1	1	0
LINCOLN	60	30	30	60	30	30	59	30	29	1	0	1	0	0	0
LOGAN	167	92	75	167	92	75	161	87	74	6	5	1	0	0	0
MESA	653	377	276	651	376	275	627	358	269	24	18	6	2	1	1
MINERAL	4	1	3	4	1	3	4	1	3	0	0	0	0	0	0

APPENDIX A, TABLE A-12
TOTAL DEATHS BY RACE, SPANISH ORIGIN AND SEX - COLORADO RESIDENTS, 1981

COUNTY	ALL RACES			WHITE									NON-WHITE		
				TOTAL WHITE			ANGLO-WHITE			SPANISH SURNAME					
	TOTAL	MALES	FMLES	TOTAL	MALES	FMLES	TOTAL	MALES	FMLES	TOTAL	MALES	FMLES	TOTAL	MALES	FMLES
MOFFAT	77	52	25	77	52	25	76	51	25	1	1	0	0	0	0
MONTEZUMA	120	61	59	114	57	57	107	53	54	7	4	3	6	4	2
MONTROSE	179	103	76	179	103	76	170	96	74	9	7	2	0	0	0
MORGAN	211	109	102	210	108	102	198	100	98	12	8	4	1	1	0
OTERO	248	129	119	244	127	117	205	102	103	39	25	14	4	2	2
OURAY	12	7	5	12	7	5	12	7	5	0	0	0	0	0	0
PARK	27	23	4	27	23	4	27	23	4	0	0	0	0	0	0
PHILLIPS	45	27	18	45	27	18	44	27	17	1	0	1	0	0	0
PITKIN	33	22	11	32	21	11	32	21	11	0	0	0	1	1	0
PROWERS	122	72	50	122	72	50	108	61	47	14	11	3	0	0	0
PUEBLO	1049	546	503	1028	532	496	857	431	426	171	101	70	21	14	7
RIO BLANCO	40	16	24	40	16	24	40	16	24	0	0	0	0	0	0
RIO GRANDE	92	57	35	92	57	35	81	53	28	11	4	7	0	0	0
ROUTT	49	26	23	49	26	23	48	26	22	1	0	1	0	0	0
SAGUACHE	26	16	10	26	16	10	19	11	8	7	5	2	0	0	0
SAN JUAN	5	1	4	5	1	4	3	0	3	2	1	1	0	0	0
SAN MIGUEL	11	7	4	11	7	4	10	6	4	1	1	0	0	0	0
SEDGWICK	34	14	20	33	14	19	32	14	18	1	0	1	1	0	1
SUMMIT	28	20	8	28	20	8	27	19	8	1	1	0	0	0	0
TELLER	43	26	17	43	26	17	42	25	17	1	1	0	0	0	0
WASHINGTON	65	38	27	64	37	27	64	37	27	0	0	0	1	1	0
WELD	779	433	346	775	431	344	696	388	308	79	43	36	4	2	2
YUMA	121	69	52	121	69	52	121	69	52	0	0	0	0	0	0
REGION 1	643	349	294	640	347	293	620	334	286	20	13	7	3	2	1
REGION 2	1702	914	788	1696	910	786	1580	845	735	116	65	51	6	4	2
REGION 3	10390	5486	4904	9831	5159	4672	9155	4750	4405	676	409	267	559	327	232
REGION 4	1823	976	847	1727	919	808	1644	866	778	83	53	30	96	57	39
REGION 5	175	98	77	174	98	76	171	96	75	3	2	1	1	0	1
REGION 6	556	312	244	552	310	242	487	264	223	65	46	19	4	2	2
REGION 7	1291	681	610	1269	666	603	1029	523	506	240	143	97	22	15	7
REGION 8	293	185	108	293	185	108	197	124	73	96	61	35	0	0	0
REGION 9	367	182	185	346	172	174	308	150	158	38	22	16	21	10	11
REGION 10	494	300	194	494	300	194	473	283	190	21	17	4	0	0	0
REGION 11	923	538	385	921	537	384	893	515	378	28	22	6	2	1	1
REGION 12	204	128	76	203	127	76	196	124	72	7	3	4	1	1	0
REGION 13	499	295	204	499	295	204	467	271	196	32	24	8	0	0	0
HSA I	12910	6847	6063	12341	6514	5827	11526	6025	5501	815	489	326	569	333	236
HSA II	4462	2449	2013	4340	2375	1965	3824	2048	1776	516	327	189	122	74	48
HSA III	1988	1148	840	1964	1136	828	1870	1072	798	94	64	30	24	12	12

APPENDIX A, TABLE A-12 CONTINUED
TOTAL DEATHS BY RACE, SPANISH ORIGIN AND SEX - COLORADO RESIDENTS, 1981

COUNTY	NON WHITE									NON-SPANISH ORIGIN			SPANISH ORIGIN		
	BLACK			INDIAN			ASIAN AND OTHER								
	TOTAL	MALES	FMLES	TOTAL	MALES	FMLES	TOTAL	MALES	FMLES	TOTAL	MALES	FMLES	TOTAL	MALES	FMLES
COLORADO ...	582	345	237	68	32	36	65	42	23	18150	9714	8436	1210	730	480
ADAMS	21	15	6	3	0	3	14	6	8	1168	655	513	05	64	41
ALAMOSA	0	0	0	0	0	0	0	0	0	64	42	22	13	8	5
ARAPAHOE	27	16	11	4	2	2	6	4	2	1367	714	653	28	20	8
ARCHULETA	0	0	0	1	0	1	0	0	0	27	15	12	6	2	4
BACA	0	0	0	0	0	0	0	0	0	51	35	16	2	2	0
BENT	0	0	0	0	0	0	0	0	0	58	35	23	6	4	2
BOULDER	5	2	3	4	3	1	3	3	0	971	523	448	32	18	14
CHAFFEE	0	0	0	0	0	0	0	0	0	98	50	48	7	5	2
CHEYENNE	1	0	1	0	0	0	0	0	0	21	9	12	0	0	0
CLEAR CREEK	0	0	0	0	0	0	0	0	0	34	21	13	1	0	1
CONEJOS	0	0	0	0	0	0	0	0	0	29	20	9	34	22	12
COSTILLA	0	0	0	0	0	0	0	0	0	11	7	4	20	12	8
CROWLEY	0	0	0	0	0	0	0	0	0	40	22	18	2	2	0
CUSTER	0	0	0	0	0	0	0	0	0	10	5	5	1	0	1
DELTA	0	0	0	0	0	0	0	0	0	243	158	85	4	3	1
DENVER	408	241	167	28	11	17	23	16	7	4255	2184	2071	348	217	131
DOLORES	0	0	0	0	0	0	0	0	0	12	7	5	0	0	0
DOUGLAS	1	1	0	0	0	0	0	0	0	82	39	43	2	2	0
EAGLE	0	0	0	0	0	0	0	0	0	38	27	11	6	3	3
ELBERT	0	0	0	0	0	0	0	0	0	34	26	8	1	1	0
EL PASO	85	49	36	3	2	1	8	6	2	1687	887	800	66	40	26
FREMONT	0	0	0	0	0	0	0	0	0	339	206	133	11	10	1
GARFIELD	0	0	0	0	0	0	0	0	0	151	91	60	2	2	0
GILPIN	0	0	0	0	0	0	0	0	0	10	7	3	1	1	0
GRAND	0	0	0	0	0	0	0	0	0	37	20	17	0	0	0
GUNNISON	0	0	0	0	0	0	0	0	0	42	19	23	2	2	0
HINSDALE	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
HUERFANO	0	0	0	0	0	0	0	0	0	47	22	25	22	10	12
JACKSON	0	0	0	0	0	0	0	0	0	13	10	3	0	0	0
JEFFERSON	4	3	1	1	0	1	7	4	3	1943	1006	937	43	15	28
KIOWA	0	0	0	0	0	0	0	0	0	27	11	16	0	0	0
KIT CARSON	0	0	0	0	0	0	0	0	0	59	32	27	0	0	0
LAKE	0	0	0	0	0	0	0	0	0	25	12	13	8	7	1
LA PLATA	1	1	0	13	5	8	0	0	0	193	94	99	4	2	2
LARIMER	1	1	0	0	0	0	1	1	0	906	473	433	17	8	9
LAS ANIMAS	1	1	0	0	0	0	0	0	0	128	75	53	45	28	17
LINCOLN	0	0	0	0	0	0	0	0	0	60	30	30	0	0	0
LOGAN	0	0	0	0	0	0	0	0	0	163	89	74	4	3	1
MESA	1	0	1	1	1	0	0	0	0	638	368	270	15	9	6
MINERAL	0	0	0	0	0	0	0	0	0	4	1	3	0	0	0

APPENDIX A, TABLE A-12 CONTINUED
TOTAL DEATHS BY RACE, SPANISH ORIGIN AND SEX - COLORADO RESIDENTS, 1981

COUNTY	NON WHITE									NON-SPANISH ORIGIN			SPANISH ORIGIN		
	BLACK			INDIAN			ASIAN AND OTHER								
	TOTAL	MALES	FMLES	TOTAL	MALES	FMLES	TOTAL	MALES	FMLES	TOTAL	MALES	FMLES	TOTAL	MALES	FMLES
MOFFAT	0	0	0	0	0	0	0	0	0	74	49	25	3	3	0
MONTEZUMA	0	0	0	6	4	2	0	0	0	110	58	52	10	3	7
MONTROSE	0	0	0	0	0	0	0	0	0	174	99	75	5	4	1
MORGAN	1	1	0	0	0	0	0	0	0	202	105	97	9	4	5
OTERO	2	1	1	1	1	0	1	0	1	207	101	106	41	28	13
OURAY	0	0	0	0	0	0	0	0	0	12	7	5	0	0	0
PARK	0	0	0	0	0	0	0	0	0	27	23	4	0	0	0
PHILLIPS	0	0	0	0	0	0	0	0	0	44	27	17	1	0	1
PITKIN	0	0	0	0	0	0	1	1	0	33	22	11	0	0	0
PROWERS	0	0	0	0	0	0	0	0	0	108	60	48	14	12	2
PUEBLO	20	13	7	0	0	0	1	1	0	862	439	423	187	107	80
RIO BLANCO	0	0	0	0	0	0	0	0	0	40	16	24	0	0	0
RIO GRANDE	0	0	0	0	0	0	0	0	0	78	51	27	14	6	8
ROUTT	0	0	0	0	0	0	0	0	0	49	26	23	0	0	0
SAGUACHE	0	0	0	0	0	0	0	0	0	18	9	9	8	7	1
SAN JUAN	0	0	0	0	0	0	0	0	0	5	1	4	0	0	0
SAN MIGUEL	0	0	0	0	0	0	0	0	0	10	6	4	1	1	0
SEDGWICK	1	0	1	0	0	0	0	0	0	33	14	19	1	0	1
SUMMIT	0	0	0	0	0	0	0	0	0	27	19	8	1	1	0
TELLER	0	0	0	0	0	0	0	0	0	42	25	17	1	1	0
WASHINGTON	0	0	0	1	1	0	0	0	0	65	38	27	0	0	0
WELD	2	0	2	2	2	0	0	0	0	724	403	321	55	30	25
YUMA	0	0	0	0	0	0	0	0	0	120	68	52	1	1	0
REGION 1	2	1	1	1	1	0	0	0	0	627	341	286	16	8	8
REGION 2	3	1	2	2	2	0	1	1	0	1630	876	754	72	38	34
REGION 3	466	278	188	40	16	24	53	33	20	9830	5149	4681	560	337	223
REGION 4	85	49	36	3	2	1	8	6	2	1756	935	821	67	41	26
REGION 5	1	0	1	0	0	0	0	0	0	174	97	77	1	1	0
REGION 6	2	1	1	1	1	0	1	0	1	491	264	227	65	48	17
REGION 7	21	14	7	0	0	0	1	1	0	1037	536	501	254	145	109
REGION 8	0	0	0	0	0	0	0	0	0	204	130	74	89	55	34
REGION 9	1	1	0	20	9	11	0	0	0	347	175	172	20	7	13
REGION 10	0	0	0	0	0	0	0	0	0	482	290	192	12	10	2
REGION 11	1	0	1	1	1	0	0	0	0	903	524	379	20	14	6
REGION 12	0	0	0	0	0	0	1	1	0	197	124	73	7	4	3
REGION 13	0	0	0	0	0	0	0	0	0	472	273	199	27	22	5
HSA I	472	280	192	43	19	24	54	34	20	12261	6463	5798	649	384	265
HSA II	108	64	44	4	3	1	10	7	3	3960	2138	1822	502	311	191
HSA III	2	1	1	21	10	11	1	1	0	1929	1113	816	59	35	24

APPENDIX A, TABLE A-13
DEATHS AND DEATH RATES FOR TEN LEADING CAUSES - COLORADO RESIDENTS, 1981

COUNTY	HEART DISEASE		CANCER		ACCIDENTS		STROKE		INFLUENZA& PNEUMONIA		SUICIDE		ARTERIO-SCLEROSIS		DIABETES		CIRRHOSIS OF LIVER		HOMICIDE	
	NO.	RATE*	NO.	RATE*	NO.	RATE*	NO.	RATE*	NO.	RATE*	NO.	RATE*	NO.	RATE*	NO.	RATE*	NO.	RATE*	NO.	RATE*
COLORADO ...	6592	222.3	3721	125.5	1414	47.7	1380	46.5	671	22.6	537	18.1	354	11.9	278	9.4	268	9.0	242	8.2
ADAMS	418	165.5	240	95.0	93	36.8	75	29.7	44	17.4	52	20.6	16	6.3	21	8.3	17	6.7	25	9.9
ALAMOSA	28	225.8	16	129.0	7	56.5	3	24.2	3	24.2	3	24.2	1	8.1	1	8.1	1	8.1	1	8.1
ARAPAHOE	457	148.9	307	100.0	92	30.0	107	34.9	50	16.3	46	15.0	26	8.5	20	6.5	14	4.6	12	3.9
ARCHULETA	16	400.0	6	150.0	4	100.0	1	25.0	1	25.0	0	0.0	1	25.0	0	0.0	0	0.0	0	0.0
BACA	25	463.0	12	222.2	1	18.5	1	18.5	2	37.0	0	0.0	0	0.0	2	37.0	0	0.0	0	0.0
BENT	24	400.0	7	116.7	4	66.7	7	116.7	6	100.0	0	0.0	0	0.0	1	16.7	1	16.7	0	0.0
BOULDER	324	165.5	222	113.4	89	45.5	71	36.3	35	17.9	31	15.8	13	6.6	14	7.2	13	6.6	10	5.1
CHAFFEE	35	261.2	17	126.9	8	59.7	6	44.8	5	37.3	4	29.9	1	7.5	2	14.9	2	14.9	1	7.5
CHEYENNE	3	142.9	6	285.7	0	0.0	3	142.9	3	142.9	0	0.0	0	0.0	2	95.2	0	0.0	0	0.0
CLEAR CREEK	9	118.4	2	26.3	8	105.3	2	26.3	0	0.0	1	13.2	0	0.0	0	0.0	1	13.2	1	13.2
CONEJOS	30	384.6	5	64.1	6	76.9	4	51.3	3	38.5	0	0.0	0	0.0	1	12.8	2	25.6	0	0.0
COSTILLA	13	419.4	4	129.0	1	32.3	2	64.5	2	64.5	0	0.0	0	0.0	1	32.3	0	0.0	1	32.3
CROWLEY	15	483.9	6	193.5	1	32.3	5	161.3	2	64.5	1	32.3	1	32.3	0	0.0	0	0.0	0	0.0
CUSTER	3	187.5	3	187.5	1	62.5	0	0.0	1	62.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
DELTA	77	351.6	57	260.3	25	114.2	21	95.9	5	22.8	4	18.3	4	18.3	2	9.1	2	9.1	1	4.6
DENVER	1531	306.8	831	166.5	240	48.1	372	74.5	186	37.3	114	22.8	77	15.4	77	15.4	98	19.6	98	19.6
DOLORES	0	333.3	2	111.1	0	0.0	3	166.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
DOUGLAS	28	108.1	14	54.1	10	38.6	2	7.7	5	19.3	5	19.3	4	15.4	1	3.9	0	0.0	1	3.9
EAGLE	11	76.4	12	83.3	9	62.5	1	6.9	0	0.0	4	27.8	0	0.0	0	0.0	0	0.0	0	0.0
ELBERT	12	169.0	7	98.6	1	14.1	1	14.1	1	14.1	3	42.3	0	0.0	0	0.0	1	14.1	0	0.0
EL PASO	567	180.1	388	123.3	117	37.2	127	40.3	56	17.8	46	14.6	30	9.5	15	4.8	26	8.3	24	7.6
FREMONT	142	488.0	52	178.7	19	65.3	24	82.5	14	48.1	9	30.9	12	41.2	4	13.7	3	10.3	2	6.9
GARFIELD	32	128.5	27	108.4	41	164.7	5	20.1	6	24.1	3	12.0	1	4.0	2	8.0	3	12.0	1	4.0
GILPIN	4	153.8	3	115.4	0	0.0	1	38.5	1	38.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
GRAND	10	119.0	9	107.1	3	35.7	2	23.8	0	0.0	1	11.9	0	0.0	1	11.9	0	0.0	1	11.9
GUNNISON	15	132.7	7	61.9	6	53.1	3	26.5	0	0.0	2	17.7	1	8.8	2	17.7	0	0.0	0	0.0
HINSDALE	1	250.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
HUERFANO	33	507.7	16	246.2	2	30.8	3	46.2	0	0.0	1	15.4	1	15.4	2	30.8	0	0.0	1	15.4
JACKSON	5	277.8	1	55.6	2	111.1	0	0.0	0	0.0	0	0.0	1	55.6	1	55.6	0	0.0	0	0.0
JEFFERSON	679	174.5	426	109.5	123	31.6	125	32.1	69	17.7	67	17.2	44	11.3	29	7.5	21	5.4	20	5.1
KIOWA	5	263.2	10	526.3	1	52.6	2	105.3	1	52.6	0	0.0	2	105.3	2	105.3	0	0.0	0	0.0
KIT CARSON	22	293.3	10	133.3	1	13.3	2	26.7	0	0.0	1	13.3	6	80.0	1	13.3	0	0.0	0	0.0
LAKE	3	33.0	5	54.9	7	76.9	2	22.0	0	0.0	1	11.0	3	33.0	1	11.0	0	0.0	0	0.0
LA PLATA	62	222.2	30	107.5	17	60.9	12	43.0	3	10.8	9	32.3	6	21.5	4	14.3	4	14.3	4	14.3
LARIMER	336	226.4	168	113.2	69	46.5	65	43.8	23	15.5	28	18.9	12	8.1	7	4.7	9	6.1	8	5.4
LAS ANIMAS	77	506.6	24	157.9	9	59.2	17	111.8	5	32.9	3	19.7	5	32.9	1	6.6	1	6.6	2	13.2
LINCOLN	23	500.0	15	326.1	4	87.0	2	43.5	2	43.5	2	43.5	0	0.0	0	0.0	1	21.7	0	0.0
LOGAN	74	366.3	28	138.6	16	79.2	10	49.5	6	29.7	7	34.7	1	5.0	0	0.0	0	0.0	0	0.0
MESA	233	267.5	113	129.7	65	74.6	32	36.7	19	21.8	17	19.5	13	14.9	7	8.0	10	11.5	5	5.7
MINERAL	2	222.2	0	0.0	1	111.1	1	111.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
MOFFAT	11	82.1	23	171.6	19	141.8	2	14.9	3	22.4	2	14.9	3	22.4	3	22.4	0	0.0	1	7.5

*CAUSE-SPECIFIC MORTALITY RATES ARE PER 100,000 POPULATION. RATES BASED ON FEW ACTUAL CASES SHOULD BE USED WITH CAUTION.

APPENDIX A, TABLE A-13
DEATHS AND DEATH RATES FOR TEN LEADING CAUSES - COLORADO RESIDENTS, 1981

COUNTY	HEART DISEASE		CANCER		ACCIDENTS		STROKE		INFLUENZA& PNEUMONIA		SUICIDE		ARTERIO-SCLEROSIS		DIABETES		CIRRHOSIS OF LIVER		HOMICIDE	
	NO.	RATE*	NO.	RATE*	NO.	RATE*	NO.	RATE*	NO.	RATE*	NO.	RATE*	NO.	RATE*	NO.	RATE*	NO.	RATE*	NO.	RATE*
MONTEZUMA	32	186.0	27	157.0	16	93.0	12	69.8	1	5.8	4	23.3	0	0.0	1	5.8	2	11.6	4	23.3
MONTROSE	46	184.7	41	164.7	16	64.3	13	52.2	11	44.2	4	16.1	4	16.1	1	4.0	3	12.0	0	0.0
MORGAN	70	308.4	46	202.6	20	88.1	14	61.7	9	39.6	3	13.2	8	35.2	3	13.2	0	0.0	2	8.8
OTERO	122	554.5	35	159.1	14	63.6	24	109.1	9	40.9	1	4.5	4	18.2	3	13.6	0	0.0	0	0.0
OURAY	3	150.0	3	150.0	1	50.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0
PARK	9	157.9	3	52.6	4	70.2	3	52.6	0	0.0	2	35.1	0	0.0	0	0.0	1	17.5	0	0.0
PHILLIPS	25	531.9	4	85.1	1	21.3	1	21.3	1	21.3	1	21.3	0	0.0	2	42.6	0	0.0	0	0.0
PITKIN	8	70.8	7	61.9	12	106.2	1	8.8	1	8.8	1	8.8	0	0.0	0	0.0	0	0.0	0	0.0
PROWERS	40	305.3	16	122.1	15	114.5	6	45.8	4	30.5	0	0.0	17	129.8	3	22.9	3	22.9	0	0.0
PUEBLO	396	317.6	175	140.3	63	50.5	66	52.9	28	22.5	31	24.9	14	11.2	20	16.0	22	17.6	8	6.4
RIO BLANCO	14	200.0	6	85.7	5	71.4	5	71.4	1	14.3	0	0.0	1	14.3	1	14.3	1	14.3	0	0.0
RIO GRANDE	39	357.8	14	128.4	5	45.9	9	82.6	2	18.3	2	18.3	0	0.0	1	9.2	2	18.3	1	9.2
ROUTT	17	124.1	11	80.3	7	51.1	2	14.6	1	7.3	0	0.0	0	0.0	1	7.3	0	0.0	0	0.0
SAGUACHE	10	250.0	4	100.0	2	50.0	4	100.0	1	25.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
SAN JUAN	2	222.2	1	111.1	1	111.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
SAN MIGUEL	2	66.7	4	133.3	3	100.0	0	0.0	1	33.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
SEDGWICK	13	406.3	9	281.3	2	62.5	2	62.5	0	0.0	0	0.0	0	0.0	2	62.5	0	0.0	0	0.0
SUMMIT	5	51.0	4	40.8	8	81.6	0	0.0	2	20.4	1	10.2	0	0.0	0	0.0	0	0.0	2	20.4
TELLER	12	141.2	9	105.9	4	47.1	3	35.3	2	23.5	3	35.3	1	11.8	0	0.0	1	11.8	0	0.0
WASHINGTON	19	365.4	10	192.3	4	76.9	12	230.8	6	115.4	0	0.0	1	19.2	0	0.0	0	0.0	0	0.0
WELD	267	215.5	143	115.4	82	66.2	67	54.1	25	20.2	15	12.1	8	6.5	11	8.9	3	2.4	5	4.0
YUMA	40	412.4	18	185.6	7	72.2	12	123.7	4	41.2	1	10.3	11	113.4	2	20.6	0	0.0	0	0.0
REGION 1	241	366.8	115	175.0	50	76.1	51	77.6	26	39.6	12	18.3	21	32.0	9	13.7	0	0.0	2	3.0
REGION 2	603	221.4	311	114.2	151	55.5	132	48.5	48	17.6	43	15.8	20	7.3	18	6.6	12	4.4	13	4.8
REGION 3	3450	205.4	2045	121.8	655	39.0	755	45.0	390	23.2	316	18.8	180	10.7	162	9.6	164	9.8	167	9.9
REGION 4	588	178.7	400	121.6	125	38.0	133	40.4	58	17.6	51	15.5	31	9.4	15	4.6	26	8.5	24	7.3
REGION 5	60	281.7	38	178.4	6	28.2	8	37.6	6	28.2	6	28.2	6	28.2	3	14.1	2	9.4	0	0.0
REGION 6	231	448.5	86	167.0	36	69.9	45	87.4	24	46.6	2	3.9	24	46.6	11	21.4	4	7.8	0	0.0
REGION 7	506	345.6	215	146.9	74	50.5	86	58.7	33	22.5	35	23.9	20	13.7	23	15.7	23	15.7	11	7.5
REGION 8	122	312.0	43	110.0	22	56.3	23	58.8	11	28.1	5	12.8	1	2.6	4	10.2	5	12.8	3	7.7
REGION 9	118	227.8	66	127.4	38	73.4	28	54.1	5	9.7	13	25.1	7	13.5	5	9.7	6	11.6	8	15.4
REGION 10	144	226.8	112	176.4	51	80.3	37	58.3	17	26.8	11	17.3	9	14.2	5	7.9	5	7.9	1	1.6
REGION 11	290	219.0	169	127.6	130	98.2	44	33.2	29	21.9	22	16.6	18	13.6	13	9.8	14	10.6	7	5.3
REGION 12	56	94.3	44	74.1	41	69.0	6	10.1	4	6.7	7	11.8	1	1.7	3	5.1	0	0.0	3	5.1
REGION 13	183	344.0	77	144.7	35	65.8	32	60.2	20	37.6	14	26.3	16	30.1	7	13.2	5	9.4	3	5.6
HSA I	4354	213.6	2509	123.1	862	42.3	946	46.4	470	23.1	377	18.5	227	11.1	192	9.4	178	8.7	182	8.9
HSA II	1630	263.2	821	132.6	292	47.2	319	51.5	146	23.6	107	17.3	92	14.9	60	9.7	65	10.5	41	6.6
HSA III	608	198.0	391	127.3	260	84.7	115	37.4	55	17.9	53	17.3	35	11.4	26	8.5	25	8.1	19	6.2

*CAUSE-SPECIFIC MORTALITY RATES ARE PER 100,000 POPULATION. RATES BASED ON FEW ACTUAL CASES SHOULD BE USED WITH CAUTION.

APPENDIX A, TABLE A-14
MARRIAGES, MARRIAGE DISSOLUTIONS AND SEPARATE MAINTENANCE - COLORADO OCCURRENCE, 1981

COUNTY	ESTIMATED 1981 POPULATION	MARRIAGES		MARRIAGE DISSOLUTIONS		SEPARATE MAINTENANCE
		NO.	RATE*	NO.	RATE*	
COLORADO ...	2965000	37210	12.5	19515	6.6	233
ADAMS	252500	2510	9.9	1519	6.0	13
ALAMOSA	12400	232	18.7	117	9.4	1
ARAPAHOE	307000	4177	13.6	1765	5.7	6
ARCHULETA	4000	55	13.8	24	6.0	0
BACA	5400	41	7.6	21	3.9	0
BENT	6000	56	9.3	21	3.5	0
BOULDER	195800	2439	12.5	1359	6.9	36
CHAFFEE	13400	169	12.6	78	5.8	0
CHEYENNE	2100	25	11.9	11	5.2	0
CLEAR CREEK	7600	91	12.0	43	5.7	2
CONEJOS	7800	43	5.5	12	1.5	0
COSTILLA	3100	14	4.5	0	0.0	0
CROWLEY	3100	35	11.3	9	2.9	0
CUSTER	1600	17	10.6	2	1.3	0
DELTA	21900	235	10.7	169	7.7	1
DENVER	499000	7764	15.6	3477	7.0	26
DOLORES	1600	26	14.4	8	4.4	0
DOUGLAS	25900	257	9.9	110	4.2	2
EAGLE	14400	217	15.1	56	3.9	0
ELBERT	7100	35	4.9	14	2.0	1
EL PASO	314800	4866	15.5	2900	9.2	59
FREMONT	29100	346	11.9	185	6.4	0
GARFIELD	24900	345	13.9	152	6.1	0
GILPIN	2600	44	16.9	13	5.0	0
GRAND	8400	110	13.1	74	8.8	1
GUNNISON	11300	146	12.9	59	5.2	0
HINSDALE	400	7	17.5	0	0.0	0
HUERFANO	6500	61	9.4	43	6.6	0
JACKSON	1800	27	15.0	0	0.0	0
JEFFERSON	389100	3503	9.0	2380	6.1	52
KIOWA	1900	20	10.5	9	4.7	0
KIT CARSON	7500	100	13.3	38	5.1	0
LAKE	9100	127	14.0	64	7.0	0
LA PLATA	27900	467	16.7	240	8.6	2
LARIMER	148400	1730	11.7	874	5.9	8
LAS ANIMAS	15200	124	8.2	61	4.0	1
LINCOLN	4600	60	13.0	24	5.2	0
LOGAN	20200	270	13.4	114	5.6	0
MESA	87100	1231	14.1	690	7.9	1
MINERAL	900	14	15.6	0	0.0	0

*RATES ARE PER 1,000 POPULATION. RATES BASED ON FEW ACTUAL CASES SHOULD BE USED WITH CAUTION.
NOTE: MARRIAGE DISSOLUTIONS ARE DIVORCES PLUS ANNULMENTS.

APPENDIX A, TABLE A-14
MARRIAGES, MARRIAGE DISSOLUTIONS AND SEPARATE MAINTENANCE - COLORADO OCCURRENCE, 1981

COUNTY	ESTIMATED 1981 POPULATION	MARRIAGES		MARRIAGE DISSOLUTIONS		SEPARATE MAINTENANCE
		NO.	RATE*	NO.	RATE*	
MOFFAT	13400	195	14.6	119	8.9	0
MONTEZUMA	17200	208	12.1	143	8.3	0
MONTROSE	24900	286	11.5	177	7.1	1
MORGAN	22700	269	11.9	148	6.5	1
OTERO	22000	240	10.9	140	6.4	1
OURAY	2000	35	17.5	6	3.0	0
PARK	5700	43	7.5	19	3.3	0
PHILLIPS	4700	42	8.9	15	3.2	0
PITKIN	11300	271	24.0	79	7.0	0
PROWERS	13100	156	11.9	70	5.3	0
PUEBLO	124700	1288	10.3	773	6.2	9
RIO BLANCO	7000	91	13.0	45	6.4	0
RIO GRANDE	10900	125	11.5	66	6.1	0
ROUTT	13700	201	14.7	97	7.1	1
SAGUACHE	4000	38	9.5	20	5.0	0
SAN JUAN	900	17	18.9	8	8.9	0
SAN MIGUEL	3000	43	14.3	15	5.0	1
SEDGWICK	3200	65	20.3	16	5.0	0
SUMMIT	9800	210	21.4	21	2.1	1
TELLER	8500	85	10.0	32	3.8	0
WASHINGTON	5200	54	10.4	29	5.6	0
WELD	123900	1117	9.0	722	5.8	6
YUMA	9700	95	9.8	20	2.1	0
REGION 1	65700	795	12.1	342	5.2	1
REGION 2	272300	2847	10.5	1596	5.9	14
REGION 3	1679500	20785	12.4	10666	6.4	137
REGION 4	329000	4994	15.2	2951	9.0	59
REGION 5	21300	220	10.3	87	4.1	1
REGION 6	51500	548	10.6	270	5.2	1
REGION 7	146400	1473	10.1	877	6.0	10
REGION 8	39100	466	11.9	215	5.5	1
REGION 9	51800	773	14.9	423	8.2	2
REGION 10	63500	752	11.8	426	6.7	3
REGION 11	132400	1862	14.1	1006	7.6	1
REGION 12	59400	1036	17.4	327	5.5	3
REGION 13	53200	659	12.4	329	6.2	0
HSA I	2038800	24647	12.1	12691	6.2	153
HSA II	619200	8140	13.1	4642	7.5	71
HSA III	307100	4423	14.4	2182	7.1	9

*RATES ARE PER 1,000 POPULATION. RATES BASED ON FEW ACTUAL CASES SHOULD BE USED WITH CAUTION.
NOTE: MARRIAGE DISSOLUTIONS ARE DIVORCES PLUS ANNULMENTS.

APPENDIX B - CLASSIFICATIONS* OF DISEASES INCLUDED IN ANNUAL REPORT OF VITAL STATISTICS, COLORADO 1981

DISEASE	9TH REVISION (1979-)	8TH REVISION (1968-1978)	7TH REVISION (1958-1967)	6TH REVISION (1949-1957)	5TH REVISION (1941-1948)
INFECTIOUS & PARASITIC	(001-139)	(000-136)	(000-138)	(000-138)	(000-044)
Typhoid Fever	002	001	040	040	1
Salmonellosis	003	002,003	041,042	041,042	2
Shigellosis	004	004	045	045	27A
Botulism	005.1	005.1	049.1	049.1	177
Tuberculosis	010-018	010-019	001-019	001-019	13-22
Diphtheria	032	032	055	055	10
Pertussis	033	033	056	056	9
Streptococcal Infection	034,041.0	034	050,051,053.0	050,051,053.0	8
Meningococcal Infection	036	036	057	057	6
Tetanus	037	037	061	061	12
Poliomyelitis	045	040-043	080	080	36
Measles	055	055	085	085	35
German Measles	056	056	086	086	38D
Encephalitis	062-064,323	062-065,079.2,323	082,343	082,343	37,44D
Colorado Tick Fever	066.1	068.1	096.9	096.9	38F
Infectious Hepatitis	070.1	070	092	092	32A
Mumps	072	072	089	089	44C
Rocky Mountain Spotted Fever	082.0	082.0	104	104	39C
Malaria	084	084	110-117	110-117	28
Syphilis	090-097	090-097	020-029	020-029	30
Gonorrhea & Other VD	098-099	098,099	030-039	030-039	25,44A
NEOPLASMS	(140-239)	(140-239)	(140-239)	(140-239)	(45-57)
Malignant	140-208	140-209	140-207	140-205	45-55
ENDOCRINE GLANDS	(240-259)	(240-258)	(240-277)	(240-277)	(61-66)
Diabetes Mellitus	250	250	260	260	61
CIRCULATORY SYSTEM	(390-448)	(390-458)	(400-468,330-334)	(400-468,330-334)	(90-103,83)
Rheumatic Fever	392	390-392	400-402	400-402	58
Heart Disease	390-398,402 404-429	390-398,402, 404,410-429	400-443	400-443	58,90-95
Other Diseases of the Circulatory System	400,401,403 441-448	400,401,403, 441-448	444-447, 451-456	444-447, 451-456	96,98,99
Cerebrovascular Disease	430-438	430-438	330-334	330-334	83
General Arteriosclerosis	440	440	450	450	97
RESPIRATORY SYSTEM	(460-519)	(460-519)	(470-527)	(470-527)	(106-114)
Influenza	487	470-474	480-483	480-483	33**
Pneumonia	480-486	480-486	490-493	490-493	107-109
Emphysema	492	492	527.1	527.1	113
DIGESTIVE SYSTEM	(520-579)	(520-577)	(530-587)	(530-587)	(115-129)
Cirrhosis of the Liver	571	571	581	581	124
GENITOURINARY SYSTEM	(580-629)	(580-629)	(590-637)	(590-637)	(130-139)
Nephritis & Nephrosis	580-584	580-584	590-594	590-594	130-132
COMPLICATIONS OF PREGNANCY, CHILDBRITH & THE PUERPERIUM	(630-676)	(630-678)	(640-689)	(640-689)	(140-150)
CONGENITAL MALFORMATIONS	(740-759)	(740-759)	(750-759)	(750-759)	(157)
DISEASES OF EARLY INFANCY	(760-779)	(760-769.2,769.4-772,774-778)	(760-776)	(760-776)	(158-161)
ACCIDENTS, POISONINGS, AND VIOLENCE	(E800-E999)	(E800-E999)	(E800-E999)	(E800-E999)	(163-198)
Accidents	E800-E949	E800-E949	E800-E962	E800-E962	169-176, 178-195
Suicide	E950-E959	E950-E959	E963,E970-E979	E963,E970-E979	163,164
Homicide	E960-E978	E960-E978	E980-E985	E980-E985	165-168,198
Injury Undetermined Whether Accidentally or Purposely Inflicted	E980-E989	E980-E989			

*"International Classification of Diseases", World Health Organization, Geneva, Switzerland (8th Revision Adapted for use in the United States).

**In the 4th and 5th Revisions, Influenza was classified under "INFECTIOUS & PARASITIC" diseases.

APPENDIX C - DEFINITIONS

DEATH - Permanent disappearance of any evidence of life at any time after live birth.

$$\text{Death Rate} = \frac{\text{Number of Resident Deaths}}{\text{Total Resident Population}} \times 1{,}000$$

$$\text{Age-Specific Death Rate} = \frac{\text{Number of Resident Deaths in Specified Age Group}}{\text{Resident Population in Specified Age Group}} \times 1{,}000$$

$$\text{Cause-Specific Death Rate} = \frac{\text{Number of Resident Deaths from Specified Cause}}{\text{Total Resident Population}} \times 100{,}000$$

DISSOLUTION - Termination of a marriage = annulments + divorces.
Note: Marriage dissolutions are tabulated by place of occurrence.

$$\text{Dissolution Rate} = \frac{\text{Number of Dissolutions (Occurrences)}}{\text{Total Resident Population}} \times 1{,}000$$

FETAL DEATH - Death prior to the complete expulsion or extraction from its mother of a production of human conception, irrespective of the duration of the pregnancy; the death is indicated by the fact that after such expulsion or extraction the fetus does not breathe or show any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles (World Health Organization).

$$\text{Fetal Death Rate} = \frac{\text{Number of Resident Fetal Deaths*}}{\text{Total Resident Live Births}} \times 1{,}000$$

*May apply to all fetal deaths, spontaneous fetal deaths, or spontaneous fetal deaths of at least 20 weeks gestational age.

HEBDOMADAL DEATH - Death of a child under 7 days of age.

INDUCED ABORTION - Termination of pregnancy with intention other than to produce a liveborn infant or to remove a dead fetus.

INFANT DEATH - Death of a child under one year of age.

$$\text{Infant Deaths Rate} = \frac{\text{Number of Resident Infant Deaths}}{\text{Total Resident Live Births}} \times 1{,}000$$

LIVE BIRTH - Complete expulsion or extraction from its mother of a product of human conception, irrespective of the duration of pregnancy, which, after such expulsion or extraction breathes or shows any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles (World Health Organization).

$$\text{Birth Rate} = \frac{\text{Number of Resident Live Births}}{\text{Total Resident Population}} \times 1{,}000$$

$$\text{Age-Specific Birth Rate} = \frac{\text{Number of Resident Live Births to Women in Specified Age Group}}{\text{Resident Female Population in Specified Age Group}} \times 1{,}000$$

$$\text{Fertility Rate} = \frac{\text{Total Resident Live Births}}{\text{Resident Female Population of Age 15-44 Years}} \times 1{,}000$$

$$\text{Pregnancy Rate} = \frac{\text{Total Resident Live Births + Resident Fetal Deaths (20 weeks) + Resident Induced Abortions}}{\text{Resident Female Population of Age 15-44 Years}} \times 1{,}000$$

LOW BIRTHWEIGHT - Live-born infant whose birthweight is 2,500 grams (5 lbs 8 oz) or less.

MARRIAGE - The legal union of persons of the opposite sex.
Note: Marriages are tabulated by place of occurrence.

$$\text{Marriage Rate} = \frac{\text{Number of Marriages (Occurrences)}}{\text{Total Resident Population}} \times 1{,}000$$

MATERNAL DEATH - Death attributed to delivery or the complications of pregnancy, childbirth, or the puerperium.

$$\text{Maternal Death Rate} = \frac{\text{Number of Resident Maternal Deaths}}{\text{Total Resident Live Births}} \times 10{,}000$$

NEONATAL DEATH - Death of a child under 28 days of age

$$\text{Neonatal Death Rate} = \frac{\text{Number of Resident Neonatal Deaths}}{\text{Total Resident Live Births}} \times 1{,}000$$

PERINATAL DEATH - Death of a fetus of at least 20 weeks gestational age or of a child under 28 days of age.

$$\text{Perinatal Death Rate} = \frac{\text{Resident Fetal Deaths (20 weeks) + Resident Neonatal Deaths}}{\text{Resident Fetal Deaths (20 weeks) + Total Resident Live Births}} \times 1{,}000$$

SPONTANEOUS FETAL DEATH - Death of a product of human conception through natural causes and without the aid of mechanical or medicinal agents.

WEEKS GESTATION - Period of gestation or length of pregnancy measured in completed weeks and calculated from the first day of the last normal menses to the date of delivery or termination of pregnancy.

APPENDIX D - LIST OF AVAILABLE TABULATIONS

BIRTH STATISTICS - 1975 TO PRESENT

FILE	REPORT NUMBER	CONTENT
TOTAL EVENTS	11-02I	Age of Mother X Colorado Residents and Occurrences
RESIDENTS	12-01A	County of Residence X Attendant and Medical Complications
	12-01B	X Month of Occurrence
	12-01C	X Education of Mother
	12-01D	X Birth Weight
	12-01E	X Month Care Began
	12-01F	X Age Group of Mother
	12-01G	X Race, Spanish Origin and Sex of Child
	12-01H	X Total Living Children
	12-02A	Age of Mother X Attendant and Medical Complications
	12-02C	X Education of Mother
	12-02D	X Birth Weight
	12-02G	X Race, Spanish Origin and Sex of Child
	12-03D	Month Care Began X Birth Weight
	12-04A	Birth Weight X Attendant and Medical Complications
	12-04G	X Race, Spanish Origin and Sex of Child
	12-04P	X Weeks of Pregnancy
	12-06A	Prenatal Visits X Attendant and Medical Complications
	12-06C	X Education of Mother
	12-06D	X Birth Weight
	12-06F	X Age Group of Mother
	12-07A	Education of Mother X Attendant and Medical Complications
	12-07D	X Birth Weight
	12-07E	X Month Care Began
	12-07G	X Race, Spanish Origin and Sex of Child
	12-07H	X Total Living Children
	12-08A	Weeks of Pregnancy X Attendant and Medical Complications
	12-09B	City of Residence X Month of Occurrence
	12-14C	Congenital Malformation X Education of Mother
	12-14J	X County of Residence
	12-15D	County of Residence and X Birth Weight
	12-15E	Education of Mother X Month Care Began
	12-15G	X Race, Spanish Origin and Sex of Child
	12-15H	X Total Living Children
	12-26G	County of Residence and X Race, Spanish Origin and Sex of Child Age Group of Mother
	12-27F	Ethnic Origin of Child X Age Group of Mother
	12-27G	X Race, Spanish Origin and Sex of Child
OCCURRENCES	16-01A	County of Occurrence X Attendant and Medical Complications
	16-01B	X Month of Occurrence
	16-01G	X Race, Spanish Origin and Sex of Child
	16-05D	Institution of Birth X Birth Weight
	16-05F	X Age Group of Mother
	16-05J	X County of Residence
RESIDENT WOMEN WITH LESS THAN HIGH SCHOOL EDUCATION	17-02G	Age of Mother X Race, Spanish Origin and Sex of Child
	17-06J	Prenatal Visits X County of Residence
RESIDENT WOMEN WITH HIGH SCHOOL EDUCATION +	18-02G	Age of Mother X Race, Spanish Origin and Sex of Child
	18-06J	Prenatal Visits X County of Residence
TOTAL ILLEGITIMATE	21-02I	Age of Mother X Colorado Residents and Occurrences
RESIDENT ILLEGITIMATE	22-01A	County of Residence X Attendant and Medical Complications
	22-01B	X Month of Occurrence
	22-01C	X Education of Mother
	22-01E	X Month Care Began
	22-01F	X Age Group of Mother
	22-01G	X Race, Spanish Origin and Sex of Child
	22-01H	X Total Living Children
	22-02A	Age of Mother X Attendant and Medical Complications
	22-02D	X Birth Weight
	22-02G	X Race, Spanish Origin and Sex of Child
	22-06F	Prenatal Visits X Age Group of Mother

APPENDIX D (Continued) - LIST OF AVAILABLE TABULATIONS

OCCURRENCE ILLEGITIMATE	26-05B	Institution of Birth X Month of Occurrence
TOTAL LOW WEIGHT	31-02I	Age of Mother X Colorado Residents and Occurrences
RESIDENT LOW WEIGHT	32-01C	County of Residence X Education of Mother
	32-02A	Age of Mother X Attendant and Medical Complications
	32-02G	X Race, Spanish Origin and Sex of Child

DEATH STATISTICS - 1975 TO PRESENT

FILE	REPORT NUMBER	CONTENT
TOTAL EVENTS	61-11I	Selected Cause of Death X Colorado Residents and Occurrences
RESIDENTS	62-01B	County of Residence X Month of Occurrence
	62-01G	X Race, Spanish Origin and Sex
	62-01L	X Five-Year Age Group
	62-01Y	X Disposition and Autopsy
	62-09B	City of Residence X Month of Occurrence
	62-10B	ICDA Cause of Death X Month of Occurrence
	62-10G	X Race, Spanish Origin and Sex
	62-10J	X County of Residence
	62-10L	X Five-Year Age Group
	62-11B	Selected Cause of Death X Month of Occurrence
	62-11G	X Race, Spanish Origin and Sex
	62-11J	X County of Residence
	62-11X	X Marital Status and Sex
	62-11Y	X Disposition and Autopsy
	62-12L	Selected Cause of Death and Sex X Five-Year Age Group
	62-13	MVSR Cause of Death by Sex
	62-25G	County of Residence and Five-Year Age Group X Race, Spanish Origin and Sex
	62-27G	Ethnic Origin X Race, Spanish Origin and Sex
	62-27L	X Five-Year Age Group
RESIDENT MALES	63-10L	ICDA Cause of Death X Five-Year Age Group
RESIDENT FEMALES	64-10L	ICDA Cause of Death X Five-Year Age Group
RESIDENTS BY COUNTY	65-12L	Selected Cause of Death and Sex X Five-Year Age Group
OCCURRENCES	66-01B	County of Occurrence X Month of Occurrence
	66-01Y	X Disposition and Autopsy
	66-05G	Institution of Death X Race, Spanish Origin and Sex
	66-05L	X Five-Year Age Group
	66-10L	ICDA Cause of Death X Five-Year Age Group
	66-11G	Selected Cause of Death X Race, Spanish Origin and Sex
	66-11J	X County of Occurrence
RESIDENT INFANTS	72-01B	County of Residence X Month of Occurrence
	72-01G	X Race, Spanish Origin and Sex
	72-01K	X Infant Age Group
	72-10G	ICDA Cause of Death X Race, Spanish Origin and Sex
	72-10K	X Infant Age Group
OCCURRENCE INFANTS	76-01B	County of Occurrence X Month of Occurrence
	76-01K	X Infant Age Group
	76-05K	Institution of Death X Infant Age Group
RESIDENT NEONATALS	82-10G	ICDA Cause of Death X Race, Spanish Origin and Sex
OCCURRENCE NEONATALS	86-01B	County of Occurrence X Month of Occurrence

APPENDIX D. (Continued) - LIST OF AVAILABLE TABULATIONS

INFANT DEATH STATISTICS (Matched Birth and Death Certificates) - 1977 TO PRESENT

REPORT NUMBER	CONTENT	EVENTS
TOTAL EVENTS		
1-01A	Summary Statistics	All Infant Deaths
OCCURRING IN COLORADO		
2-03A	ICDA Cause of Death X Infant Age Group	Infants
2-04A	Weeks of Pregnancy X Infant Age Group	Infants
2-02B	Infant Age Group X Birth Weight	Infants
2-04B	Weeks of Pregnancy X Birth Weight	Infants, Neonatals, Births
2-05B	Months Since Last Delivery and Type X Birth Weight	Infants, Neonatals, Births
2-06B	Education of Mother X Birth Weight	Infants, Neonatals, Births
2-07B	Month Care Began X Birth Weight	Infants, Neonatals, Births
2-08B	Age of Mother X Birth Weight	Infants, Neonatals, Births
2-09B	Apgar Score X Birth Weight	Infants, Neonatals, Births
2-10B	Pregnancy History X Birth Weight	Infants, Neonatals, Births
2-11B	Hospital of Birth X Birth Weight	Infants, Neonatals, Births
2-12B	Hospital of Death X Birth Weight	Infants, Neonatals
2-13B	Congenital Malformation X Birth Weight	Infants, Neonatals, Births
2-17B	County of Residence at Birth X Birth Weight	Infants, Neonatals, Births
2-04C	Weeks of Pregnancy X Race and Sex	Infants, Neonatals, Births
2-07C	Month Care Began X Race and Sex	Infants, Neonatals, Births
2-14C	Birth Weight X Race and Sex	Infants, Neonatals, Births
2-11D	Hospital of Birth X Month Care Began	Infants, Neonatals, Births
2-07E	Month Care Began X Age of Mother	Infants, Neonatals, Births
2-15E	Congenital Malformation X Age of Mother	Infants, Neonatals, Births
2-16E	Prenatal Visits X Age of Mother	Infants, Neonatals, Births
2-15F	Congenital Malformation X Age of Father	Infants, Neonatals, Births
2-07G	Month Care Began X Education of Mother	Infants, Neonatals, Births
2-11G	Hospital of Birth X Education of Mother	Infants, Neonatals, Births
2-16G	Prenatal Visits X Education of Mother	Infants, Neonatals, Births
2-17G	County of Residence at Birth X Education of Mother	Infants, Neonatals, Births
2-06H	Education of Mother X Education of Father	Infants, Neonatals, Births
2-11I	Hospital of Birth X Attendant and Medical Complication	Infants, Neonatals, Births
2-12K	Hospital of Death X County of Residence	Infants, Neonatals
2-03L	ICDA Cause of Death X County of Death	Infants, Neonatals
2-18M	State of Residence X State of Birth	Infants, Neonatals
2-12N	Hospital of Death X Hospital of Birth	Infants, Neonatals

APPENDIX D. (Continued) - LIST OF AVAILABLE TABULATIONS

ADOPTION STATISTICS - 1979 TO PRESENT

CONTENT		REPORT NUMBER		
		Processed in Colorado	Adopted in Colorado	Born in Colorado
Type of Adoption & Sex of Child	X Summary Statistics	1-01A		
	X Race of Child	1-01B	2-01B	3-01B
	X Age of Child	1-01C	2-01C	3-01C
Type of Adoption & Race of Child	X Race of Adoptive Father/Mother	1-02D	2-02D	3-02D
	X Race of Natural Mother/Adoptive Mother	1-02E	2-02E	3-02E
	X Age of Natural Mother at Time of Birth	1-02F	2-02F	3-02F
	X Education of Adoptive Father/ Mother	1-02G	2-02G	3-02G
	X Race of Natural Father/Adoptive Father	1-02H	2-02H	3-02H
Type of Adoption & Age of Child	X Age of Natural Mother at Time of Birth	1-03F	2-03F	3-03F
	X Age of Natural Father at Time of Birth	1-03I	2-03I	3-03I
	X Age of Adoptive Mother at Time of Adoption	1-03J	2-03J	3-03J
	X Age of Adoptive Father at Time of Adoption	1-03K	2-03K	3-03K
Type of Adoption & County of Birth	X Age of Child	1-04C		
Type of Adoption & Education of Natural Mother	X Education of Adoptive Father/ Mother	1-05G	2-05G	3-05G
Family Size of Adoptive Family	X Type of Adoption	1-06L	2-06L	3-06L
County of Adoption	X Type of Adoption & Legitimacy	*1-07M		
Year of Decree	X Type of Adoption	1-08L	2-08L	3-08L
State of Birth	X Type of Adoption		2-09L	
State of Adoption	X Type of Adoption			3-10L
		Foreign-Born Adoptions		
Country of Birth	X Age of Child		*4-11C	

*Available for 1980 Data.

DATE REGISTERED BY STATE REGISTRAR

STATE OF COLORADO
CERTIFICATE OF LIVE BIRTH 105

STATE FILE NUMBER

COLORADO DEPARTMENT OF HEALTH AD RS 15 (Rev. 1-78)

THIS IS A PERMANENT RECORD USE BLACK INK OR TYPEWRITER WITH BLACK RIBBON

CHILD

CHILD—NAME FIRST / MIDDLE / LAST (1.)	SEX (2.)	DATE AND HOUR OF BIRTH (MONTH, DAY, YEAR, HOUR) (3.)

HOSPITAL—NAME (If not in hospital, give street and number) (4a.)	CITY, TOWN OR LOCATION OF BIRTH (4b.)	COUNTY OF BIRTH (4c.)

CERTIFIER — I CERTIFY THAT THE STATED INFORMATION CONCERNING THIS CHILD IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF (5a. Signature) / M.D., D.O., OTHER (SPECIFY)	DATE SIGNED (Month, Day, Year) (5b.)
NAME (Type or print) (5c.)	MAILING ADDRESS (Street or R.F.D. No., City, State, Zip) (5d.)

REGISTRAR (6a. Signature)	DATE RECEIVED BY REGISTRAR (Month, Day, Year) (6b.)

PARENTS

MOTHER—NAME FIRST / MIDDLE / LAST (MAIDEN) (7a.)	AGE (At time of this birth) (7b.)	STATE OF BIRTH (If not in U.S.A., name country) (7c.)

RESIDENCE—STATE (8a.)	COUNTY (8b.)	CITY, TOWN OR LOCATION (8c.)	STREET AND NUMBER (8d.)	INSIDE CITY LIMITS (Yes or No) (8e.)

MOTHER'S MAILING ADDRESS (9.)	ZIP

FATHER—NAME FIRST / MIDDLE / LAST (10a.)	AGE (At time of this birth) (10b.)	STATE OF BIRTH (If not in U.S.A., name country) (10c.)

I certify that the personal information provided on this certificate is correct to the best of my knowledge and belief. (11a. Signature of Informant)	RELATION TO CHILD (11b.)

INFORMATION FOR MEDICAL AND HEALTH USE ONLY

MOTHER—RACE (White, Black, American Indian, etc.) (12.)	FATHER—RACE (White, Black, American Indian, etc.) (13.)	BIRTH WEIGHT (14.)	THIS BIRTH (Single, twin, triplet, etc.) (15a.)	IF NOT SINGLE BIRTH—Born first, second, third, etc. (15b.)	IS MOTHER MARRIED? (Yes or No) (16.)
ORIGIN OR DESCENT (Italian, Mexican, English, etc.) (17.)	ORIGIN OR DESCENT (Italian, Mexican, English, etc.) (18.)	EDUCATION—MOTHER (Specify only highest grade completed): Elementary or Secondary (0-12) / College (1-4 or 5+) (19.)		EDUCATION—FATHER (Specify only highest grade completed): Elementary or Secondary (0-12) / College (1-4 or 5+) (20.)	

PREVIOUS PREGNANCIES (Complete each section)		DATE LAST NORMAL MENSES BEGAN (Month, Day, Year) (22.)	MONTH OF PREGNANCY PRENATAL CARE BEGAN (First, second, etc.) (23a.)	PRENATAL VISITS Total number or check "none" (23b.) None ☐	1 min. APGAR SCORE (24a.)	5 min. (24b.)
LIVE BIRTHS: 21a. Now living — Number ____ None ☐ / 21b. Now dead — Number ____ None ☐	OTHER TERMINATIONS (Spontaneous and Induced): 21c. Before 20 weeks — Number ____ None ☐ / 21d. 20 weeks and after — Number ____ None ☐					
DATE OF LAST LIVE BIRTH (Month, Year) (21e.)	DATE OF LAST OTHER TERMINATION (Month, Year) (21f.)	COMPLICATIONS OF PREGNANCY (Describe or check "none") (25.) ☐ None				
PRENATAL BLOOD TEST DATE (Month, Day, Year) (28.)	PROPHYLACTIC DRUG KIND (29.)	CONCURRENT ILLNESSES OR CONDITIONS AFFECTING THE PREGNANCY (Describe or check "none") (26.) ☐ None				
		CONGENITAL MALFORMATIONS OR ANOMALIES OF CHILD (Describe or check "none") (27.) ☐ None				
		COMPLICATIONS OF LABOR AND/OR DELIVERY (Describe or check "none") (30.) ☐ None				

DATE REGISTERED BY STATE REGISTRAR

STATE FILE NUMBER

STATE OF COLORADO
CERTIFICATE OF DEATH
(PHYSICIAN OR CORONER)

COLORADO DEPARTMENT OF HEALTH AD RS 10 (Rev. 1-78)

THIS IS A PERMANENT RECORD USE BLACK INK OR TYPEWRITER WITH BLACK RIBBON

USUAL RESIDENCE (WHERE DECEASED LIVED IF DEATH OCCURRED IN INSTITUTION GIVE RESIDENCE BEFORE ADMISSION)

DECEASED

1. DECEASED–NAME (First, Middle, Last)						2. SEX	3. DATE OF DEATH (Month, Day, Year)		
4a. RACE (White, Black, American Indian, etc.)	4b. ORIGIN OR DESCENT (Italian, Mexican, English, etc.)	5a. AGE – LAST BIRTHDAY (Years)	UNDER 1 YEAR MOS.	DAYS	UNDER 1 DAY HRS.	MINS.	6. DATE OF BIRTH (Month, Day, Year)	7a. COUNTY OF DEATH	
7b. CITY, TOWN OR LOCATION OF DEATH		7c. HOSPITAL OR OTHER INSTITUTION–Name (If not in either, give street and number)						7d. IF HOSP. OR INST., Indicate DOA, OP (Emer. Rm., Inpatient (Specify)	
8. STATE OF BIRTH (If not in U.S.A., name country)	9. CITIZEN OF WHAT COUNTRY	10. MARRIED, NEVER MARRIED, WIDOWED, DIVORCED (Specify)	11. SURVIVING SPOUSE (If wife, give maiden name)					12. WAS DECEDENT EVER IN U.S. ARMED FORCES? (Yes or No)	
13. SOCIAL SECURITY NUMBER		14a. USUAL OCCUPATION (Give kind of work done during most of working life even if retired)					14b. KIND OF BUSINESS OR INDUSTRY		
15a. RESIDENCE–STATE	15b. COUNTY	15c. CITY, TOWN OR LOCATION	ZIP	15d. STREET AND NUMBER				15e. INSIDE CITY LIMITS (Yes or No)	
16. FATHER–NAME (First, Middle, Last)				17. MOTHER–NAME (First, Middle, Last (Maiden))					

1 INFORMANT–NAME (Relation to Deceased) — 18a. | MAILING ADDRESS (Street or R.F.D. No., City or Town, State, Zip) — 18b.

DISPOSITION

2 | 19a. BURIAL, CREMATION, REMOVAL (Specify) | 19b. DATE (Month, Day, Year) | 19c. CEMETERY OR CREMATORY–NAME AND LOCATION (City or Town, State)

3 | 20a. FUNERAL DIRECTOR (Signature) LIC. NO. | 20b. NAME AND ADDRESS OF FUNERAL HOME (Street or R.F.D. No., City, State, Zip)

CERTIFIER

4 | 21a. PHYSICIAN — TO THE BEST OF MY KNOWLEDGE, DEATH OCCURRED AT _____ M ON THE DATE AND PLACE AND DUE TO THE CAUSE(S) STATED. (Signature and Title) | 22a. CORONER – ON THE BASIS OF EXAMINATION AND/OR INVESTIGATION, IN MY OPINION DEATH OCCURRED AT _____ M ON THE DATE AND PLACE AND DUE TO THE CAUSE(S) STATED. (Signature and Title)

5 | 21b. DATE SIGNED (Month, Day, Yr.) | 22b. DATE SIGNED (Month, Day, Year) | 22c. PRONOUNCED DEAD (Mo., Day, Yr., Hour)

6 | 23. NAME AND ADDRESS OF CERTIFIER (PHYSICIAN OR CORONER) (Type or Print)

7 | 24a. REGISTRAR (Signature) | 24b. DATE RECEIVED BY REGISTRAR (Month, Day, Year)

CAUSE OF DEATH

8 | 25. PART I — IMMEDIATE CAUSE [ENTER ONLY ONE CAUSE PER LINE FOR (a), (b), and (c).] — (a) _____ — Interval between onset and death

9 | CONDITIONS IF ANY WHICH GAVE RISE TO IMMEDIATE CAUSE STATING THE UNDERLYING CAUSE LAST — DUE TO, OR AS A CONSEQUENCE OF

10 | (b) _____ — Interval between onset and death — DUE TO, OR AS A CONSEQUENCE OF

11 | (c) _____ — Interval between onset and death

12 | PART II — OTHER SIGNIFICANT CONDITIONS– Conditions contributing to death but not related to cause given in PART I (a) | 26. AUTOPSY (Yes or No) | 27. WAS CASE REFERRED TO CORONER (Yes or No)

13 | 28a. ACCIDENT, SUICIDE, HOMICIDE, UNDETERMINED, PENDING INVESTIGATION. | 28b. DATE AND HOUR OF INJURY (Mo., Day, Yr., Hr.) | 28c. DESCRIBE HOW INJURY OCCURRED

14 | 28d. INJURY AT WORK (Yes or No) | 28e. PLACE OF INJURY– At home, farm, street, factory, office building, etc. | 28f. LOCATION (Street or R.F.D. No., City or Town, State)

COLORADO DEPARTMENT OF HEALTH AD RS 10a (Rev. 1-75)

THIS IS A PERMANENT RECORD USE BLACK INK OR TYPEWRITER WITH BLACK RIBBON

IF DISPOSAL IS DONE BY HOSPITAL OMIT ITEM 14

DATE REGISTERED BY STATE REGISTRAR

STATE FILE NUMBER

STATE OF COLORADO
CERTIFICATE OF FETAL DEATH

SPONTANEOUS FETAL DEATHS OF 20 OR MORE WEEKS GESTATION

FETUS

FETUS - NAME FIRST MIDDLE LAST (1)	SEX (2)	DATE AND HOUR OF DELIVERY (MONTH, DAY, YEAR, HOUR) (3)
HOSPITAL - NAME (If not in hospital, give street and number) (4a)	CITY, TOWN OR LOCATION OF DELIVERY (4b)	COUNTY OF DELIVERY (4c)

PARENTS

MOTHER - NAME FIRST MIDDLE LAST (MAIDEN) (5a)			AGE (AT TIME OF THIS DELIVERY) (5b)	
RESIDENCE - STATE (6a)	COUNTY (6b)	CITY, TOWN OR LOCATION (6c)	STREET AND NUMBER (6d)	INSIDE CITY LIMITS (Yes or No) (6e)
FATHER - NAME FIRST MIDDLE LAST (7a)			AGE (AT TIME OF THIS DELIVERY) (7b)	

MEDICAL CERTIFICATION

8. PART I. FETAL DEATH WAS CAUSED BY: (ENTER ONLY ONE CAUSE PER LINE FOR (a), (b) AND (c).)

		SPECIFY FETAL OR MATERNAL
FETAL OR MATERNAL CONDITION DIRECTLY CAUSING FETAL DEATH	IMMEDIATE CAUSE (a)	
FETAL AND/OR MATERNAL CONDITIONS, IF ANY, GIVING RISE TO THE IMMEDIATE CAUSE (A), STATING THE UNDERLYING CAUSE LAST	(b) DUE TO, OR AS A CONSEQUENCE OF	
	(c) DUE TO, OR AS A CONSEQUENCE OF	

PART II. OTHER SIGNIFICANT CONDITIONS OF FETUS OR MOTHER - CONDITIONS CONTRIBUTING TO FETAL DEATH BUT NOT RELATED TO CAUSE GIVEN IN PART I (a)	FETUS DIED BEFORE LABOR, DURING LABOR OR DELIVERY, UNKNOWN (9)	PHYSICIAN'S ESTIMATE OF GESTATION (10) Weeks	AUTOPSY (Yes or No) (11)

I CERTIFY THAT THIS DELIVERY OCCURRED ON THE DATE STATED ABOVE AND THE FETUS WAS BORN DEAD. (12a) (Signature) M.D., D.O., OTHER (SPECIFY)	DATE SIGNED (MONTH, DAY, YEAR) (12b)
ATTENDANT - NAME (TYPE OR PRINT) (13)	MAILING ADDRESS (STREET OR R.F.D. NO., CITY, STATE, ZIP) (13a)

DISPOSITION

BURIAL, CREMATION, REMOVAL (Specify) (13c)	CEMETERY, CREMATORY OR INSTITUTION NAME AND LOCATION (13b)	CITY OR TOWN	STATE
FUNERAL DIRECTOR - NAME (14)	ADDRESS	REGISTRAR'S SIGNATURE (15)	DATE RECEIVED BY REGISTRAR (16)

INFORMATION FOR MEDICAL AND HEALTH USE ONLY

MOTHER - RACE (White, Black, American Indian, etc.) (Specify) (17)	FATHER - RACE (White, Black, American Indian, etc.) (Specify) (18)	WEIGHT OF FETUS (19)	THIS DELIVERY - (Single, twin, triplet, etc.) (20a)	IF NOT SINGLE DELIVERY - (Delivered first, second, third, etc.) (20b)	IS MOTHER MARRIED? (Yes or No) (21)
ORIGIN OR DESCENT (Italian, Mexican, English, etc.) (22a)	ORIGIN OR DESCENT (Italian, Mexican, English, etc.) (22b)	EDUCATION - MOTHER (Specify only highest grade completed) (23) Elementary or Secondary (0-12) / College (1-4 or 5+)		EDUCATION - FATHER (Specify only highest grade completed) (24) Elementary or Secondary (0-12) / College (1-4 or 5+)	

PREVIOUS PREGNANCIES (Complete for each section)				
LIVE BIRTHS	OTHER TERMINATIONS (Spontaneous and Induced)	DATE LAST NORMAL MENSES BEGAN (Month, Day, Year) (26)	MONTH OF PREGNANCY PRENATAL CARE BEGAN (FIRST, SECOND, THIRD, ETC.) (27)	PRENATAL VISITS (Total Number or check "None") (28)
25a. Now Living: Number ____ None ☐	25c. Spontaneous: Number ____ None ☐			
25b. Now Dead: Number ____ None ☐	25d. Induced: Number ____ None ☐			
		COMPLICATIONS OF PREGNANCY (Describe or check "none") (29)		None ☐
		CONCURRENT ILLNESSES OR CONDITIONS AFFECTING THE PREGNANCY (Describe or check "none") (30)		None ☐
DATE OF LAST LIVE BIRTH (Month, Year) (25e)	DATE OF LAST OTHER TERMINATION (Month, Year) (25f)	CONGENITAL MALFORMATIONS OR ANOMALIES OF FETUS (Describe or check "none") (31) None ☐	COMPLICATIONS OF LABOR AND/OR DELIVERY (Describe or check "none") (32) None ☐	